

**TRAITE DE
MINERALOGIE,
PAR LE CEN.
HAUY, MEMBRE
DE L'INSTITUT...**

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SYSTÈME D

R E

AUX M

PHYSIQUE GÉNÉRALE.

1. Pesanteur
spécifique.

Usage de la
balance de
Nickolson.

2. Consistance.

1. Dans les
solides
éprouvés.

2. Dans les
liquides.

1. Par le frotte-
lime.

2. Par le frotte-
ment anguleux
sur la surface.

3. Par la percus-
sion.

4. Par le choc.

5. Par la flexion
pression.

6. Par la force
Facilité de céd
légère pres

E C A R A C T È R E S

L A T I F S

T I N È R A U X.

ement de la { 1. Les corps durs résistent. La télésie.
. { 2. Les corps tendres cèdent. La chaux carbonatée.

ient des par-
es d'un corps { La télésie raye le quartz.
e d'un autre. }

ssion du mar- { CORPS. CORPS. 1. Difficiles à briser. L'émeril.
. { 2. Fragiles. Le soufre.
3. Friables, qui s'égrènent aisément. Certains grès.

du briquet. { CORPS. CORPS. 1. Étincelans. Le quartz.
2. Non étincelans. La chaux fluatée.

on ou par la { CORPS. CORPS. 1. Simplement flexibles. Le talc laminaire.
. { 2. Élastiques. Le mica.
3. Ductiles. L'or, l'argent, etc.
4. Mous. { 1. Dans l'état naturel. Le bitume glutineux.
2. Après l'imbibition. L'argile.

de traction. . Corps doués de ténacité. L'or, l'argent, le fer, etc.

er à la plus { 1. En mouillant le corps qui les presse. Le pétrole.
sion. . . . { 2. Sans le mouiller. Le mercure.

II. CARACTÈRES GÉOMÉTRIQUES.

1. Formes. . .

1. Déterminables. .

2. Indéterminables.

3. Imitatives.

1. Élémentaires.

2. Secondaires.

1. Arrondissement

2. Stries et aspé

3. Corps amorph

1. Corps concrét

2. Pseudomorph

2. Structure. Tissu d'un minéral dépendant de l'aggrégation des molécules ou du groupement des parties.

1. Laminaire ; of

2. Lamellaire ; o
vent incliné

3. Stratiforme ;

4. Feuilletée ; p

5. Fibreuse. .

6. Granuleuse.

7. Compacte ; se
bles à l'œil.

8. Cellulaire. .

3. Cassure. Manière dont les portions d'un minéral se séparent, lorsque la division ne suit point l'ordre de la structure. . .

1. Ses directions. . .

2. Ses accidents. . .

1. Longitudinale.

2. Transversale ;

3. Indéfinie ; aye

1. Conchoïde ; p

2. Lisse. Le plé

3. Raboteuse. L

4. Écailleuse. L

5. Articulée. Un
prismatique.

- } 1. Noyau ou forme primitive.
 } 2. Molécule intégrante.
 } 3. Molécule soustractive.
- } 1. Leurs lois de décroissemens.
 } 2. Mesures de leurs angles.
- is des faces et des angles.
rités.
- es. D'une forme tout à fait irrégulière.
- ionnés; coniques, cylindriques, globuleux, etc.
- oses; corps qui ont pris la forme d'un autre corps auquel ils se sont substitués.
- } 1. Également nets en tout sens. La chaux
 } 2. Plus nets dans un sens que dans l'autre.
 } 3. Sensibles seulement par le chatoyement à
 } une vive lumière. Le plomb carbonaté.
- frant des lames continues. } L'amphibole en masse.
- ffrant de petites lames, sou- } Certains quartz-agathes.
es en divers sens. }
par couches non séparables. }
ar couches séparables. . . } Le talc, dit *craye de Briançon*.
- } 1. A fibres parallèles. La chaux sulfatée, dite
 } 2. Radiée, ou à fibres divergentes. La baryte
 } sulfatée, dite *Pierre de Bologne*.
- } Le grès.
 } Le quartz-jaspe.
- rmée de parties indiscerna- }
 }
 } Le quartz-agathe molaire.
- ; ayant lieu parallèlement à l'axe des cristaux. La topaze.
- ayant lieu perpendiculairement à l'axe des cristaux. L'amphibole.
- ant lieu dans tous les sens. Le quartz-agathe.
- ar concavités et convexités. Le quartz.
- onaste.
- 'argile.
- e quartz-agathe prase.
- eface convexe emboîtée dans une face concave, par la fracture faite à un cristal
- La tourmaline.

T R O I S I È M E G E N R E.

S T R O N T I A N E.

Première espèce.

Strontiane sulfatée.

Seconde espèce.

Strontiane carbonatée.

Q U A T R I È M E G E N R E.

M A G N É S I E.

Première espèce.

Magnésie sulfatée.

Seconde espèce.

Magnésie boratée.

S E C O N D O R D R E.

Substances acidifères alkalines.

P R E M I E R G E N R E.

P O T A S S E.

Espèce unique.

Potasse nitratée.

S E C O N D G E N R E.

S O U D E.

Première espèce.

Soude muriatée.

Seconde espèce.

Soude boratée.

Troisième espèce.

Soude carbonatée.

R I B U T I O N

TROISIÈME GENRE.

AMMONIAQUE.

Espèce unique.

Ammoniaque muriaté.

TROISIÈME ORDRE.

Substances acidifères alkalino-terreuses.

GENRE UNIQUE.

A L U M I N E.

Première espèce.

Alumine sulfatée alkaline.

Seconde espèce.

Alumine fluatée alkaline.

S E C O N D E C L A S S E.

*Substances terreuses , dans la composition
desquelles il n'entre que des terres , unies
quelquefois avec un alkali.*

Première espèce.

Q U A R T Z.

Quartz-hyalin.

Quartz-agathe.

Quartz-résinite.

Quartz-jaspe.

Quartz-pseudomorphique.

Seconde espèce.

Zircon.

Troisième espèce.

Télesie.

Trente-quatrième espèce.

Analcime.

Trente-cinquième espèce.

Népheline.

Trente-sixième espèce.

Harmotome.

Trente-septième espèce.

Péridot.

Trente-huitième espèce.

Mica.

Trente-neuvième espèce.

Disthène.

Quarantième espèce.

Grammatite.

Quarante et unième espèce.

Pycnite.

Quarante-deuxième espèce.

Dipyre.

Quarante-troisième espèce.

Asbeste.

Quarante-quatrième espèce.

Talc.

Quarante-cinquième espèce.

Macle.

TROISIÈME CLASSE

Substances combustibles non métalliques

P R E M I E R O R D R E .

S I M P L E S .

Première espèce.

Soufre.

R I B U T I O N

Seconde espèce.

Diamant.

Troisième espèce.

Anthracite.

S E C O N D O R D R E.

C O M P O S É E S.

Première espèce.

Bitume.

Seconde espèce.

Houille.

Troisième espèce.

Jayet.

Quatrième espèce.

Succin.

Cinquième espèce.

Mellite.

Q U A T R I È M E C L A S S E.

Substances métalliques.

P R E M I E R O R D R E.

Non oxydables immédiatement, si ce n'est à un feu très-violent, et réductibles immédiatement.

P R E M I E R G E N R E.

P L A T I N E.

Espèce unique.

Platine natif (ferrière).

S E C O N D G E N R E.

O R.

Espèce unique.

Or natif.

1.
ues.

T R O I S I È M E G E N R E.

C U I V R E.

Première espèce.

Cuivre natif.

Seconde espèce.

Cuivre pyriteux.

Troisième espèce.

Cuivre gris.

Quatrième espèce.

Cuivre sulfuré.

Cinquième espèce.

Cuivre oxydé rouge.

Sixième espèce.

Cuivre muriaté.

Septième espèce.

Cuivre carbonaté bleu.

Huitième espèce.

Cuivre carbonaté vert.

Neuvième espèce.

Cuivre arseniaté.

Dixième espèce.

Cuivre sulfaté.

Q U A T R I È M E G E N R E.

F E R.

Première espèce.

Fer oxydulé.

Seconde espèce.

Fer oligiste.

R I B U T I O N

Troisième espèce.

Fer arsenical.

Quatrième espèce.

Fer sulfuré.

Cinquième espèce.

Fer carburé.

Sixième espèce.

Fer oxydé.

Septième espèce.

Fer azuré.

Huitième espèce.

Fer sulfaté.

Neuvième espèce.

Fer chromaté.

C I N Q U I È M E G E N R E.

E T A I N.

Première espèce.

Etain oxydé.

Seconde espèce.

Etain sulfuré.

S I X I È M E G E N R E.

Z I N C.

Première espèce.

Zinc oxydé.

Seconde espèce.

Zinc sulfuré.

Troisième espèce.

Zinc sulfaté.

Seconde espèce.

Titane siliceo-calcaire.

QUINZIÈME GENRE.

SCHÉELIN.

Première espèce.

Schéelin ferruginé.

Seconde espèce.

Schéelin calcaire.

SEIZIÈME GENRE.

TELLURE.

Espèce unique.

Tellure natif (uni à différens métaux).

DIX-SEPTIÈME GENRE.

CHROME.

PREMIER APPENDICE.

Substances dont la nature n'est pas encore connue, pour permettre de leur assigner places dans la méthode.

1. Amianthoïde.
2. Aplome.
3. Arragonite.
4. Chaux sulfatée anhydre.
5. Chaux sulfatée quartzifère.
6. Coccoilthe.
7. Diaspore.
8. Ecume de terre.
9. Emeraude de France?
10. Feld-spath apyre?

R I B U T I O N

11. Jade.
12. Koupholithe.
13. Lépidolithe.
14. Madréporite.
15. Malacolithe.
16. Micarelle.
17. Petrosilex.
18. Scapolite.
19. Spath chatoyant.
20. Spath schisteux.
21. Spinthère.
22. Tourmaline apyre ?
23. Triphane.
24. Zéolithe efflorescente.
25. Zéolithe radiée jaunâtre.
26. Zéolithe rouge d'Ædelfors.

S E C O N D A P P E N D I C E.

Agrégats de différentes substances minérales.

P R E M I E R O R D R E.

Agrégats que l'on regarde comme étant de première formation, et qui portent plus particulièrement le nom de roches.

1. Roche feld-spathique.
2. Roche quartzeuse.
3. Roche amphibolique.
4. Roche micacée.
5. Roche talqueuse.
6. Roche calcaire.
7. Roche jadienne.
8. Roche petrosiliceuse.
9. Roche cornéenne.

10. Roche

issez
des

DISTRIBU TROISIÈME ORDRE

Laves scorifiées ; ayant plus ou moins de port , par leur aspect , avec les scorifies.

SECONDE CLASSE THERMANTIDES.

Matières qui n'offrent que des indices de c

1. Thermantide cimentaire.
2. Thermantide tripoléenne.
3. Thermantide pulvérulente.

TROISIÈME CLASSE PRODUITS DE LA SUBLIMATION.

1. Soufre.
2. Ammoniaque muriaté.
3. Arsenic sulfuré.
4. Fer oligiste , etc.

QUATRIÈME CLASSE LAVES ALTÉRÉES.

Laves qui ont subi une décomposition plus ou moins avancée , par l'effet des vapeurs sulfureuses , ou des vicissitudes de l'atmosphère.

Lave altérée alunifère. Pierre alumineuse la Tolfa.

TION MÉTHODIQUE.

CINQUIÈME CLASSE.

le rap-
ies des

TUFS VOLCANIQUES.

*Produits des éruptions boueuses, empâtemens
et agglutinations par la voie humide.*

3 E.

SIXIÈME CLASSE.

uisson.

*Substances qui ont été formées dans l'intérieur
des laves, postérieurement à l'époque où celles-
ci ont coulé.*

1 S E.

N.

1. Mésotype.
2. Analcime.
3. Stilbite.
4. Chabasie.
5. Chaux carbonatée.
6. Fer sulfuré, etc.

25

S E.

*SUBSTANCES qui ont été modifiées par la
chaleur des feux souterrains non volcaniques.*

1. Thermantide (non volcanique) porcellanite.
2. Thermantide (non volcanique) tripoléenne.

lus ou
acido-
sphère.
use de

2
2

3

4

5

25

1

5

1

Fig. 1.

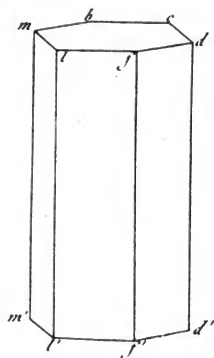


Fig. 2.

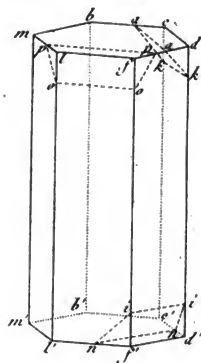


Fig. 5

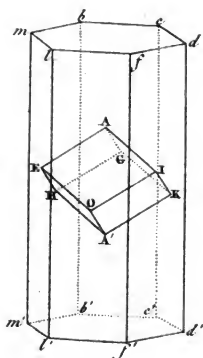


Fig. 6.

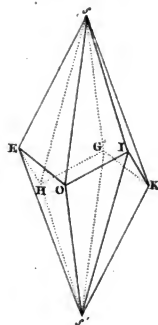


Fig. 3.

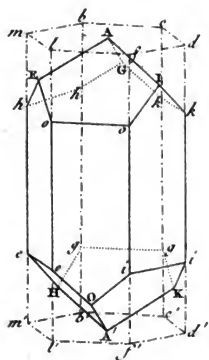


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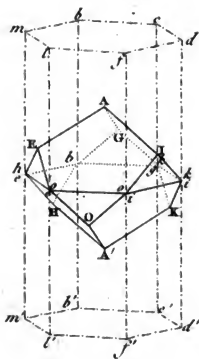


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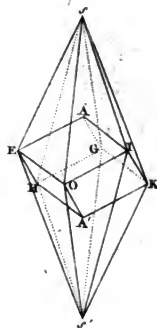
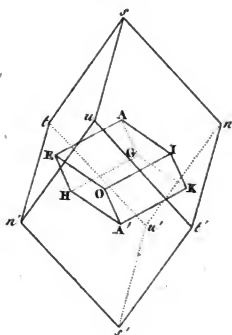


Fig. 8.



Choquet Sculp.

Fig. 9.

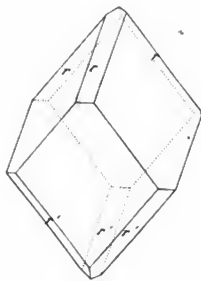


Fig. 10.

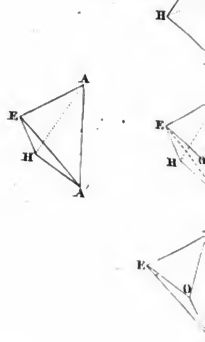


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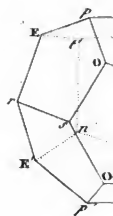
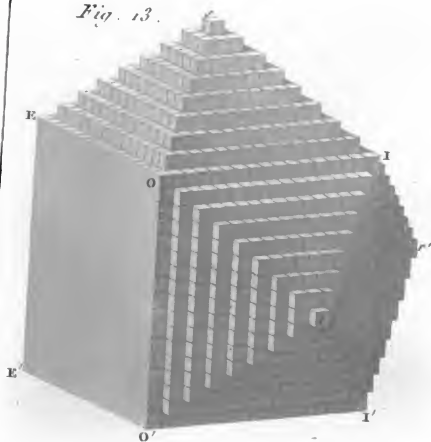
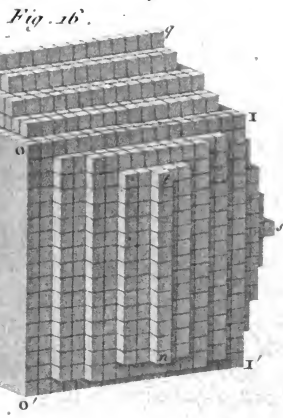
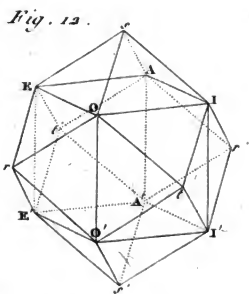
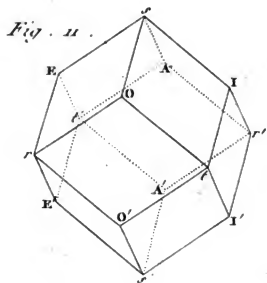
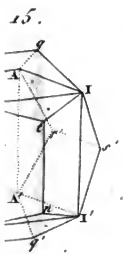
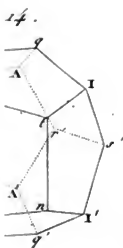
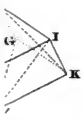
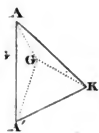


Fig.





Abquet Sculp.

Fig. 17.

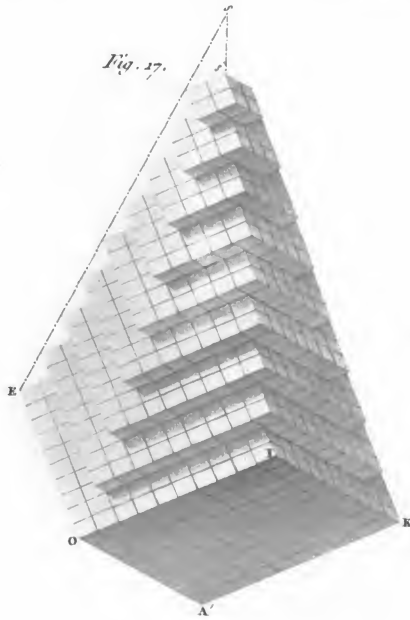


Fig.

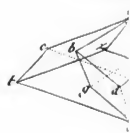


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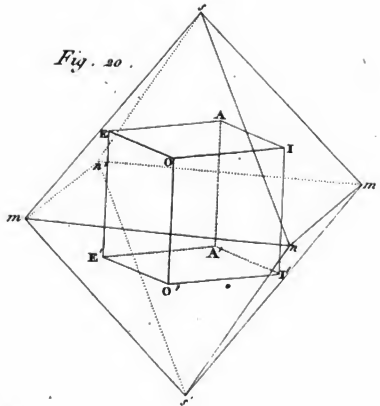


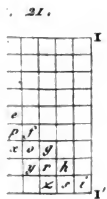
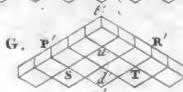
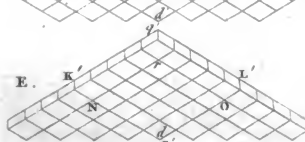
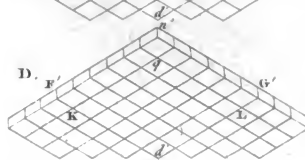
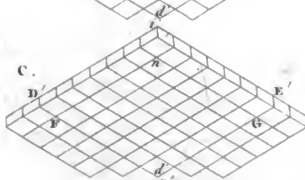
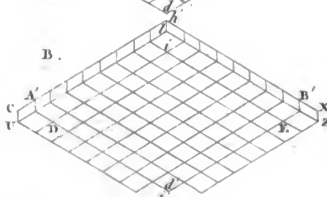
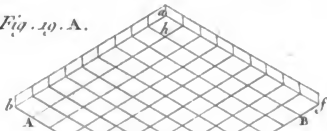
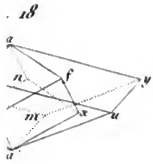
Fig.



Fig. 22.

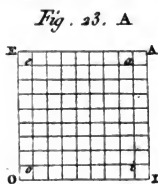


Fig. 10. A.

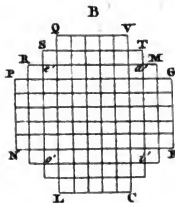


Moquet Sculp.

Fig. 23. A



B



C

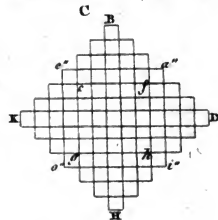


Fig. 24.

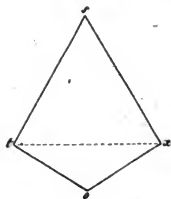


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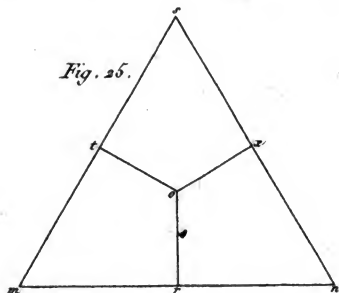


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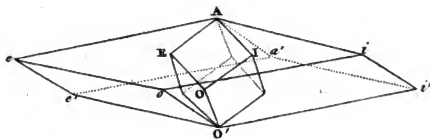


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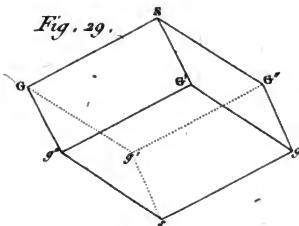
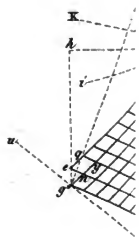


Fig. 30.



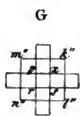
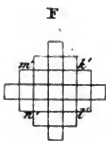
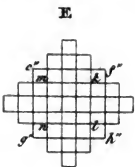
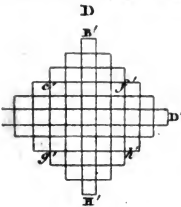


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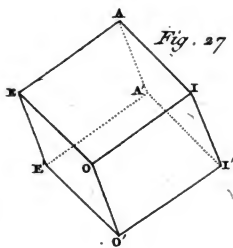
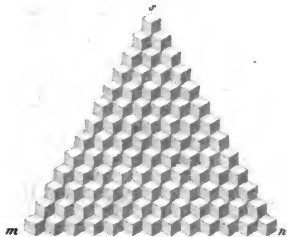


Fig. 27

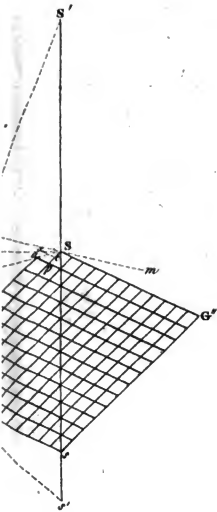


Fig. 31.

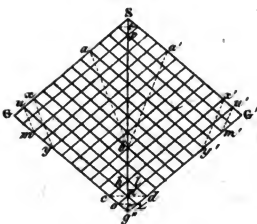


Fig. 32.

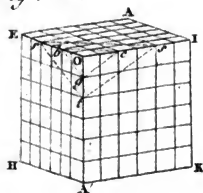


Fig. 33.

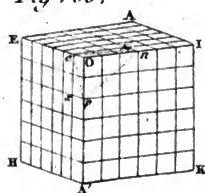


Fig. 36.

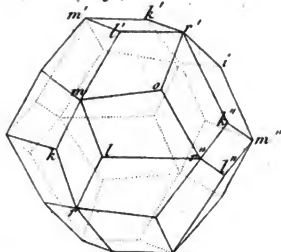


Fig. 38.

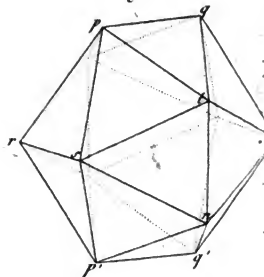


Fig. 37. a

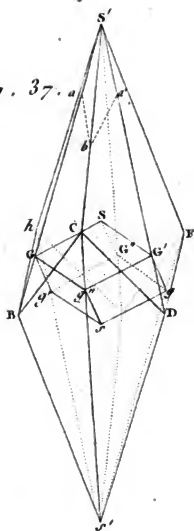


Fig. 39.

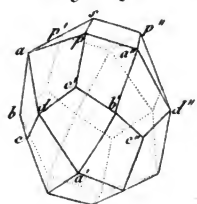


Fig. 39. A



Fig. 34.

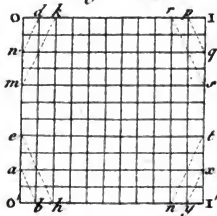


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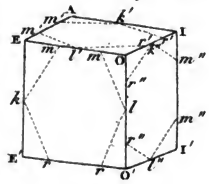


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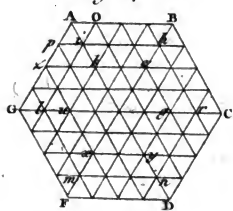


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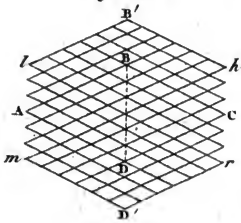


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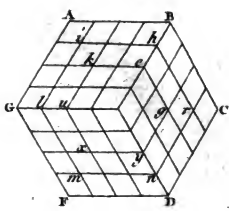
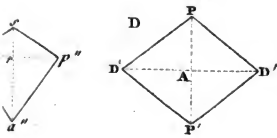
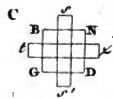
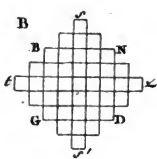
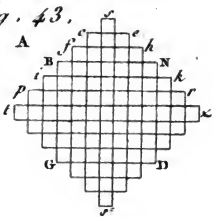


Fig. 43.



Mauvres Sculp.

Fig. 44

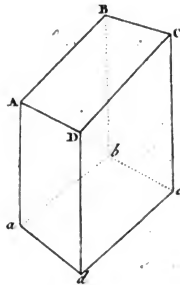


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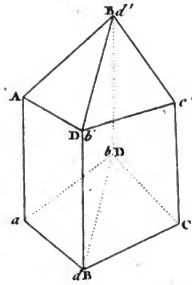


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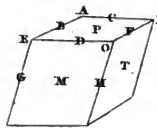


Fig. 49.

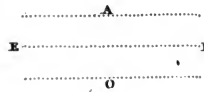


Fig.

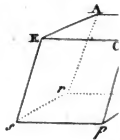


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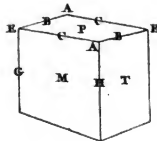


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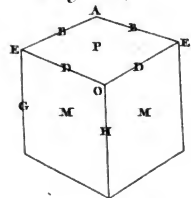


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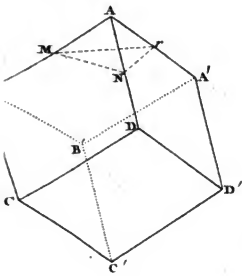


Fig. 47.

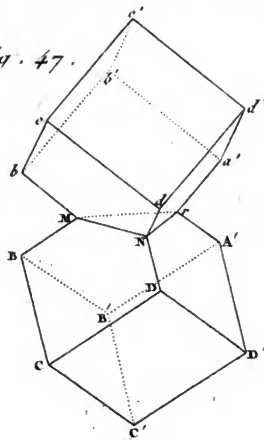


Fig. 51.

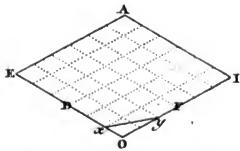


Fig. 52.

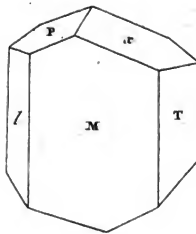


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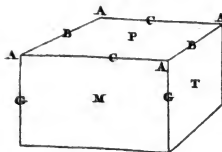


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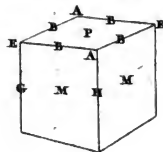


Fig. 59

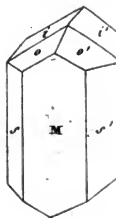


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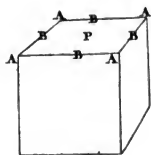


Fig. 57

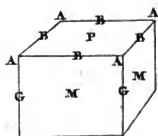


Fig. 63.

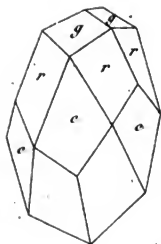
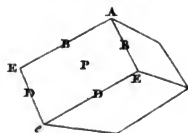


Fig. 62.



F



Fig. 68.

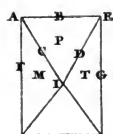


Fig.



Fig. 67

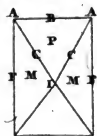


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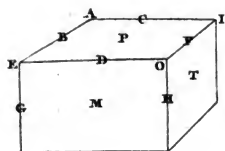


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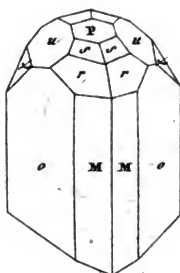


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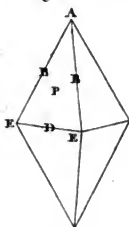


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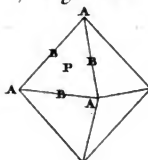


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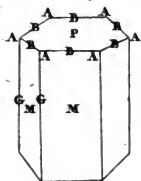
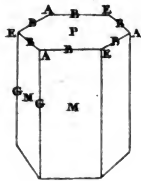


Fig. 71.



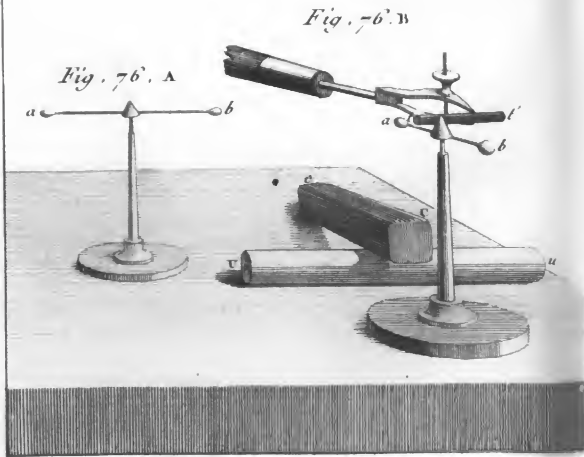
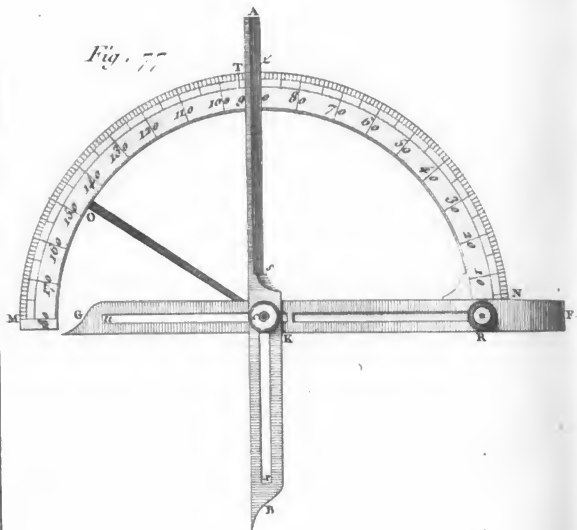


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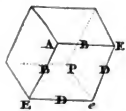


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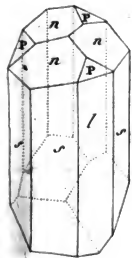


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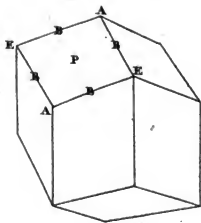


Fig. 75.



Cloquet Sulp.

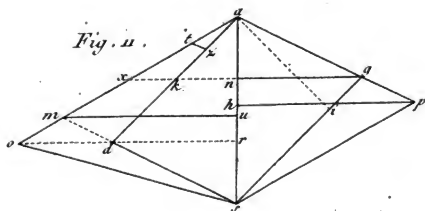
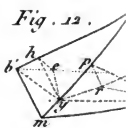
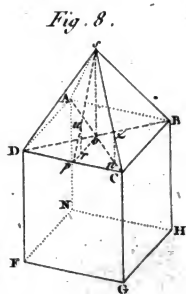
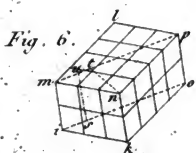
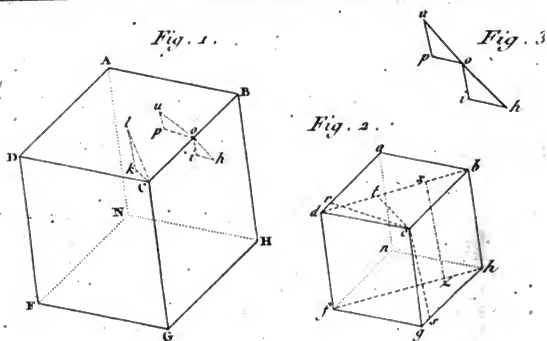


Fig. 4.

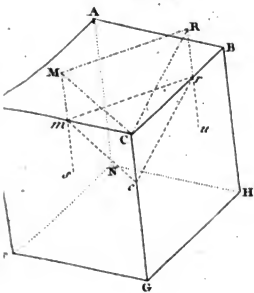


Fig. 5.

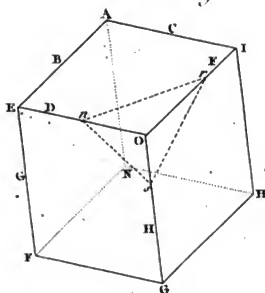


Fig. 9.

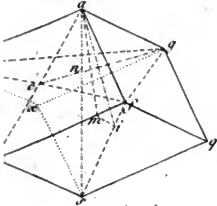


Fig. 10.

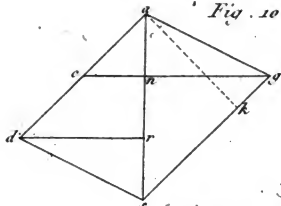


Fig. 13.

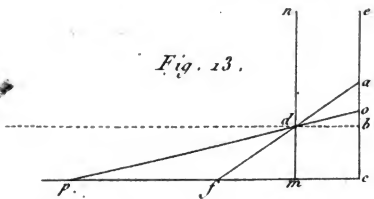
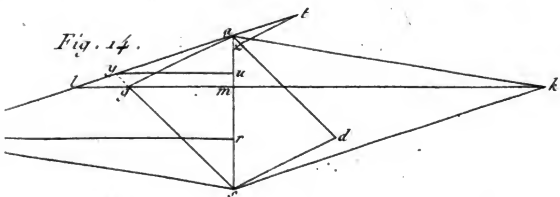


Fig. 14.



Boquet Sculp.

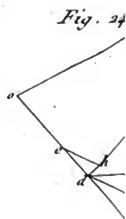
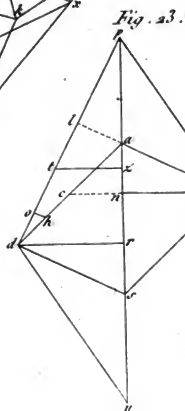
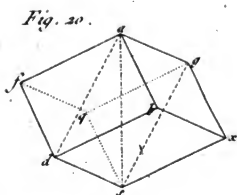
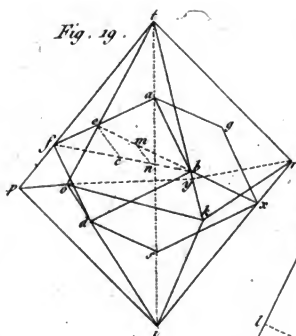
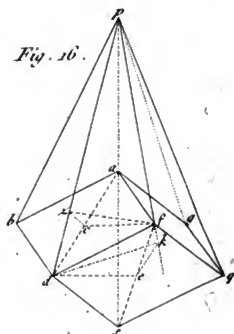
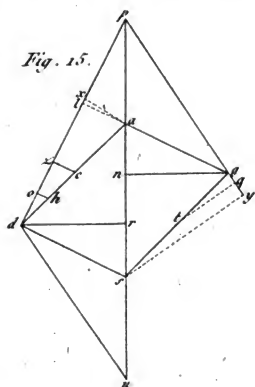


Fig. 17.

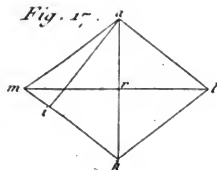


Fig. 18.

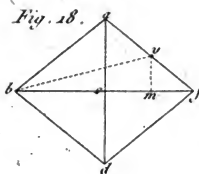


Fig. 21.

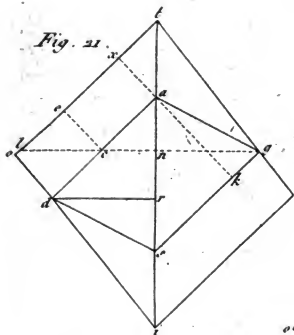


Fig. 22.

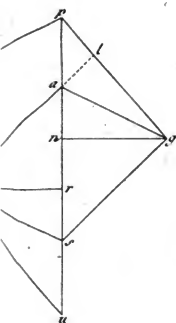
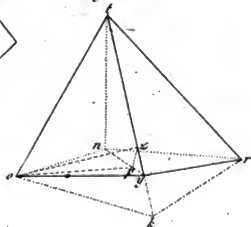


Fig. 25.

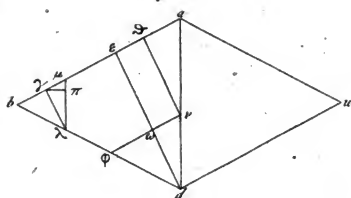


Fig. 26.

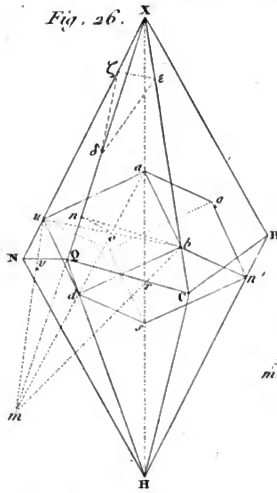


Fig. 27.

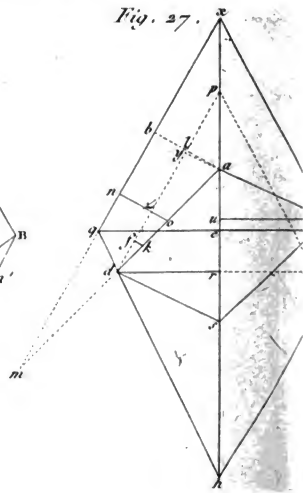


Fig. 32.

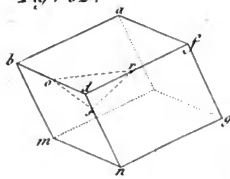


Fig. 33.

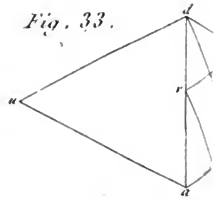


Fig. 35.

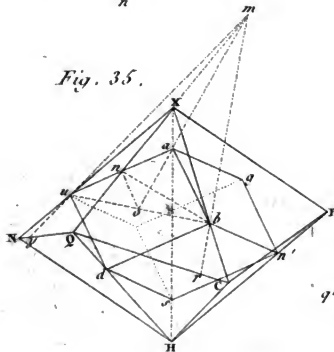


Fig. 36.

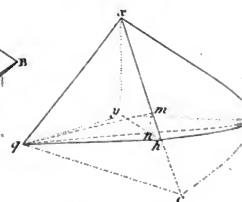


Fig. 28.

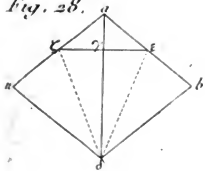


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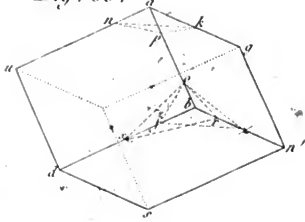


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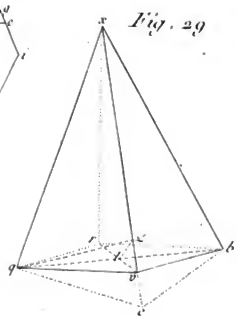


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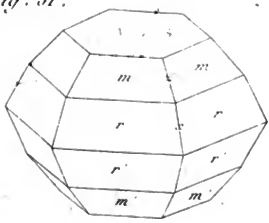


Fig. 34.

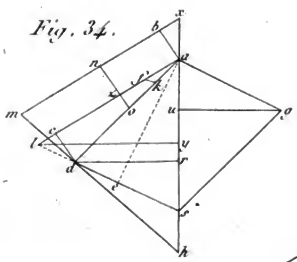


Fig. 37.

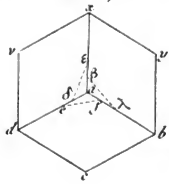
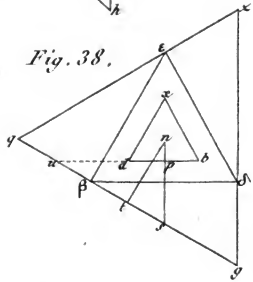
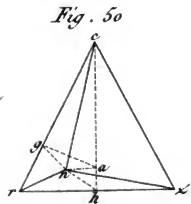
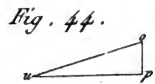
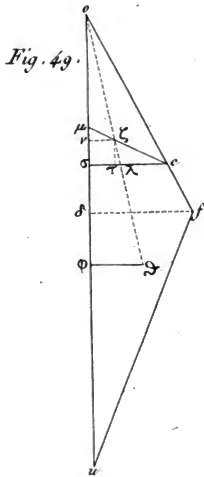
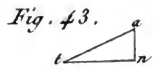
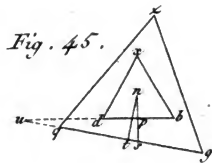
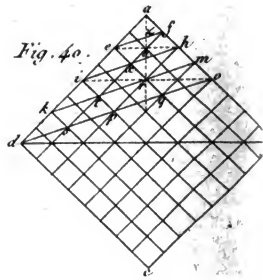
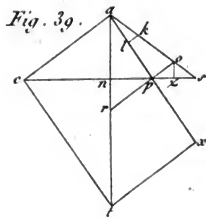
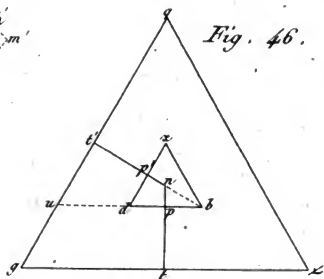
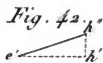
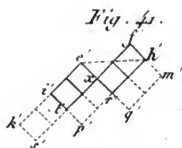


Fig. 38.



Choquet Sculp.





Cloquet Sculp.

Fig. 52.

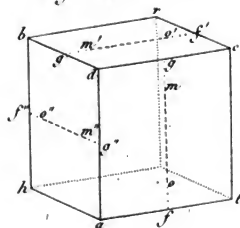


Fig. 53.

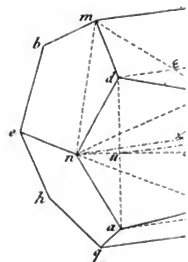


Fig. 55.

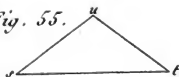


Fig. 56.

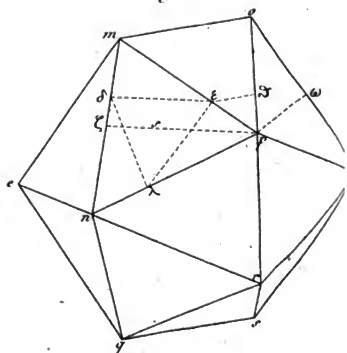


Fig. 57.

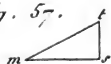


Fig. 61.

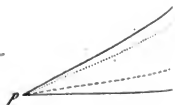
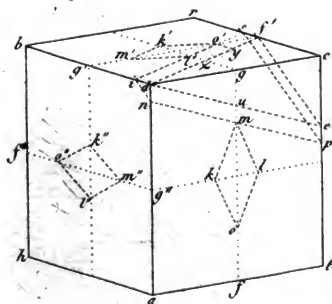


Fig. 54.

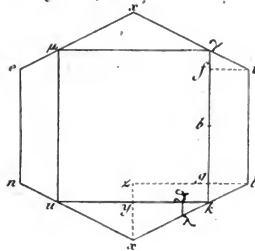


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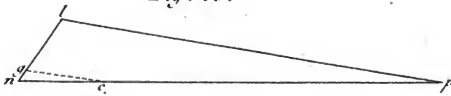


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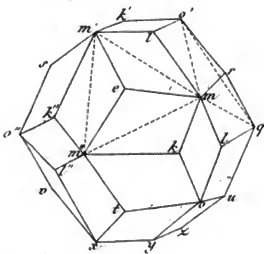


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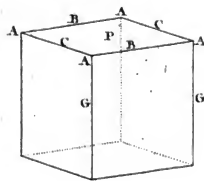


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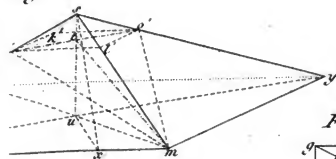


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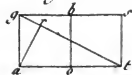
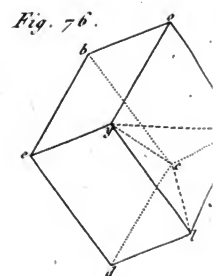
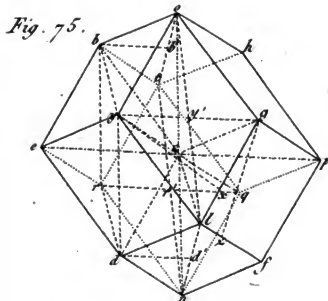
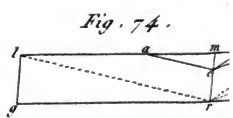
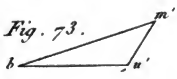
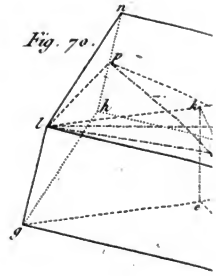
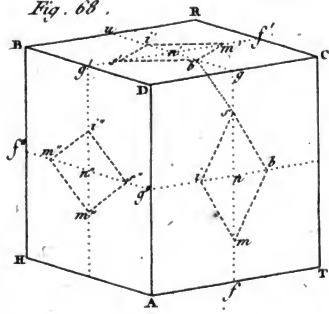
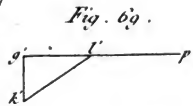
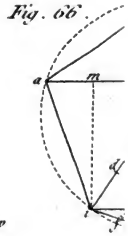
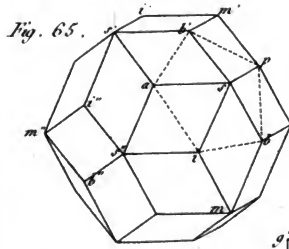


Fig. 64.



Choquet Sculp.



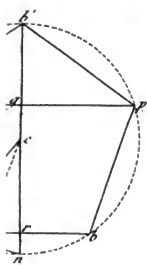


Fig. 67.

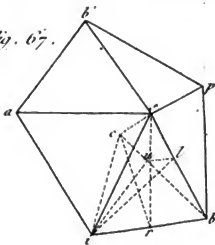


Fig. 71.

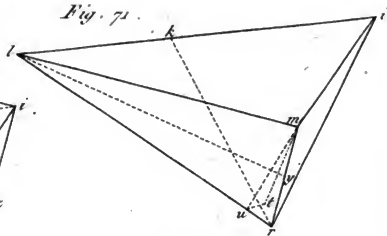


Fig. 72.

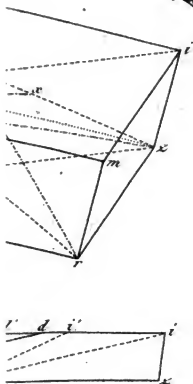
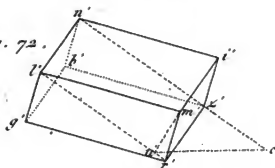


Fig. 78.

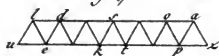


Fig. 77.

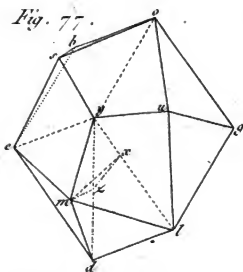
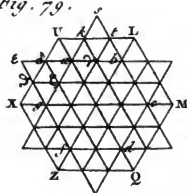


Fig. 79.



Cloquet Sculp.

Fig. 80.

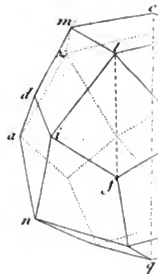
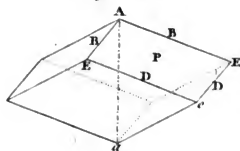


Fig. 83.

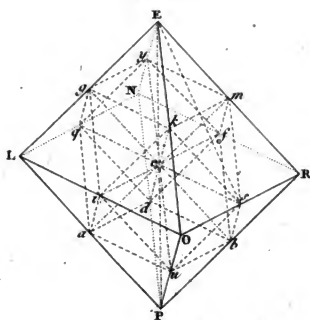


Fig. 84.

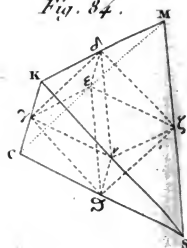


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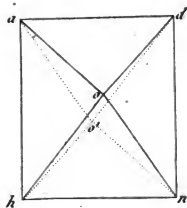


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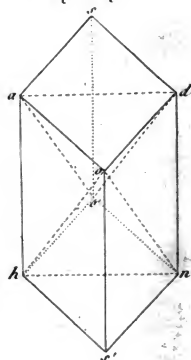


Fig. 81.



Fig. 82.

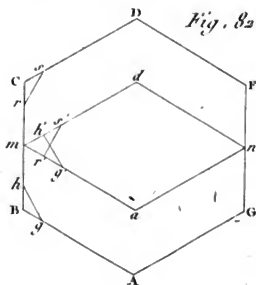


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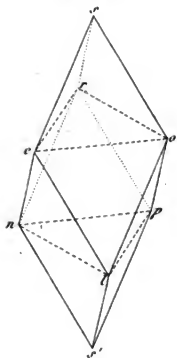


Fig. 87.

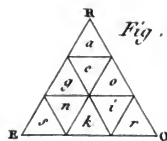


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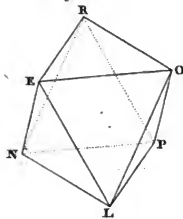


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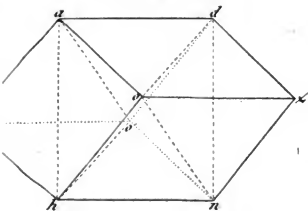
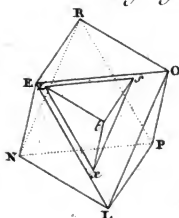


Fig. 91.



Uloquet Sculp.

Fig. 92.

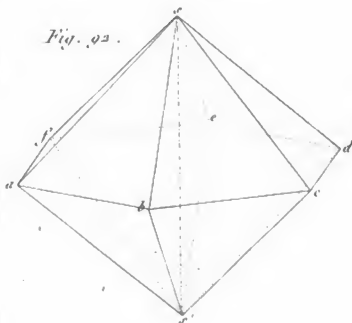


Fig. 93.

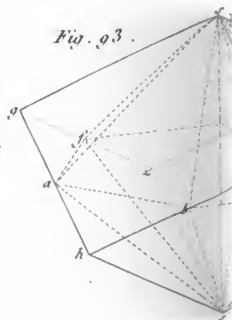


Fig. 95.

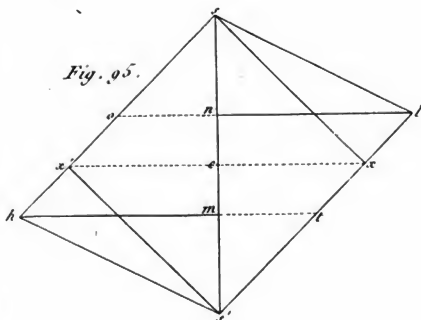
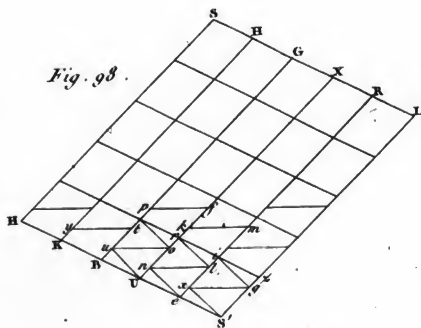


Fig. 98.



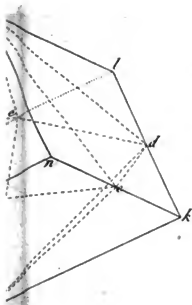


Fig. 94.

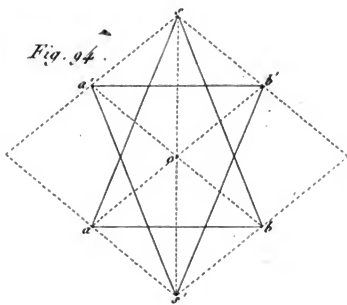


Fig. 96.

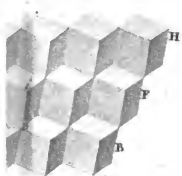


Fig. 97.

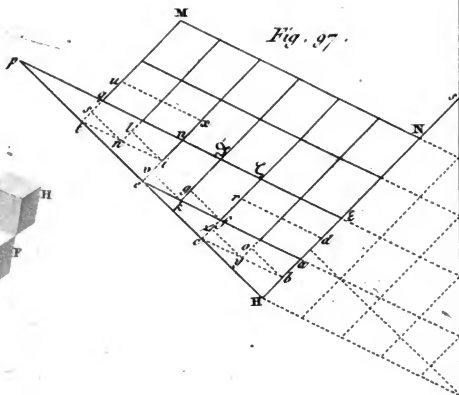


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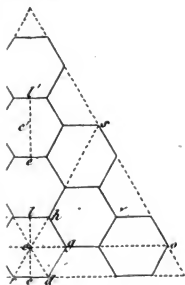
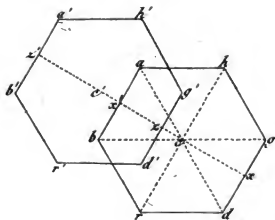


Fig. 100.



Choquet Sculp.

Fig. 101.

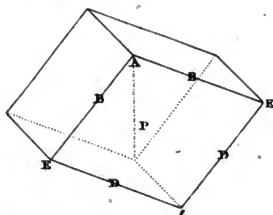


Fig. 102

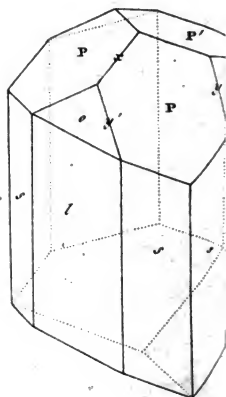


Fig. 103.

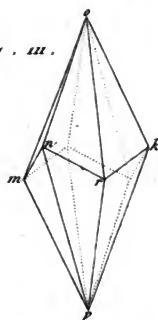


Fig. 104.

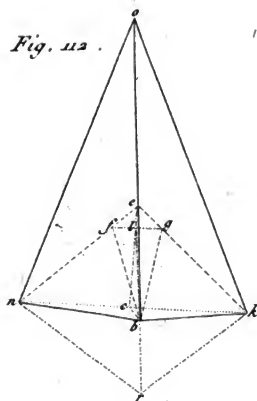


Fig. 105.

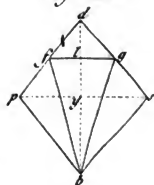


Fig. 106.

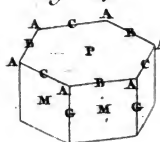


Fig. 103.

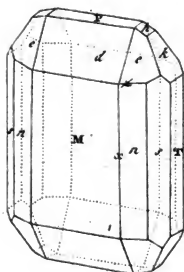


Fig. 104.

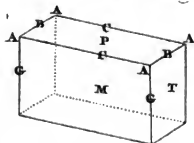


Fig. 105.



Fig. 106.



Fig. 107.



Fig. 108.

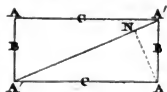


Fig. 109.



Fig. 110.

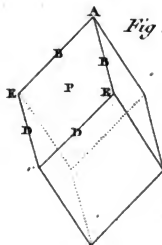


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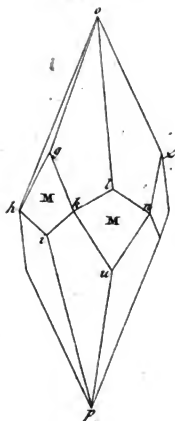
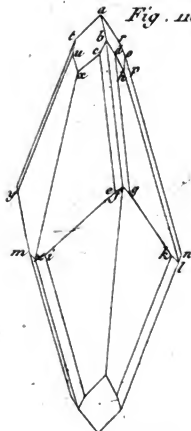


Fig. 116.



Fig

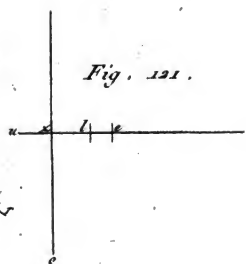
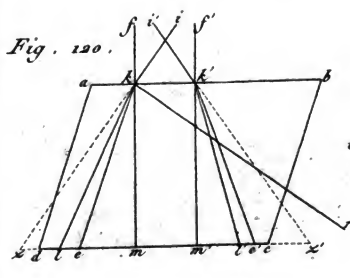
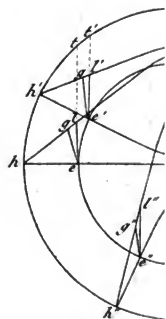
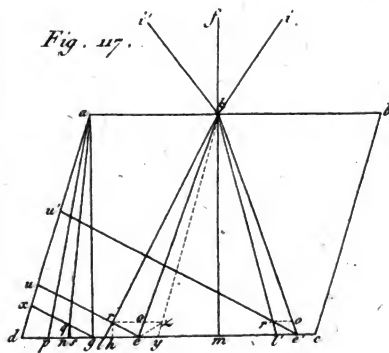


Fig. 124.

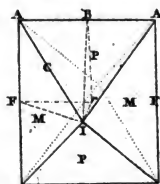
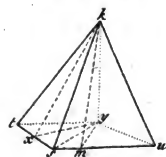


Fig. 125.



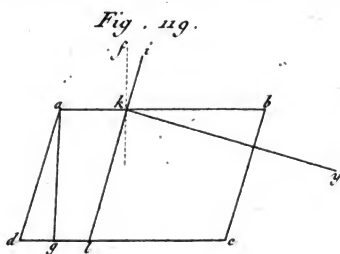
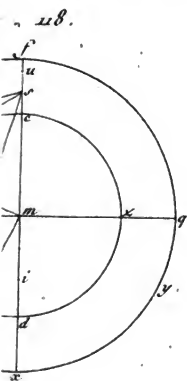


Fig. 123.

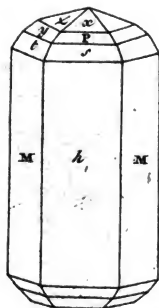


Fig. 122.

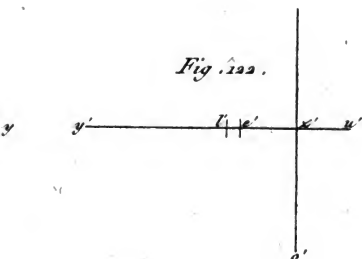


Fig. 126.

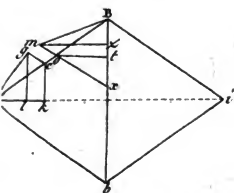
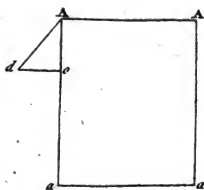


Fig. 127.



Malouere Sculp.

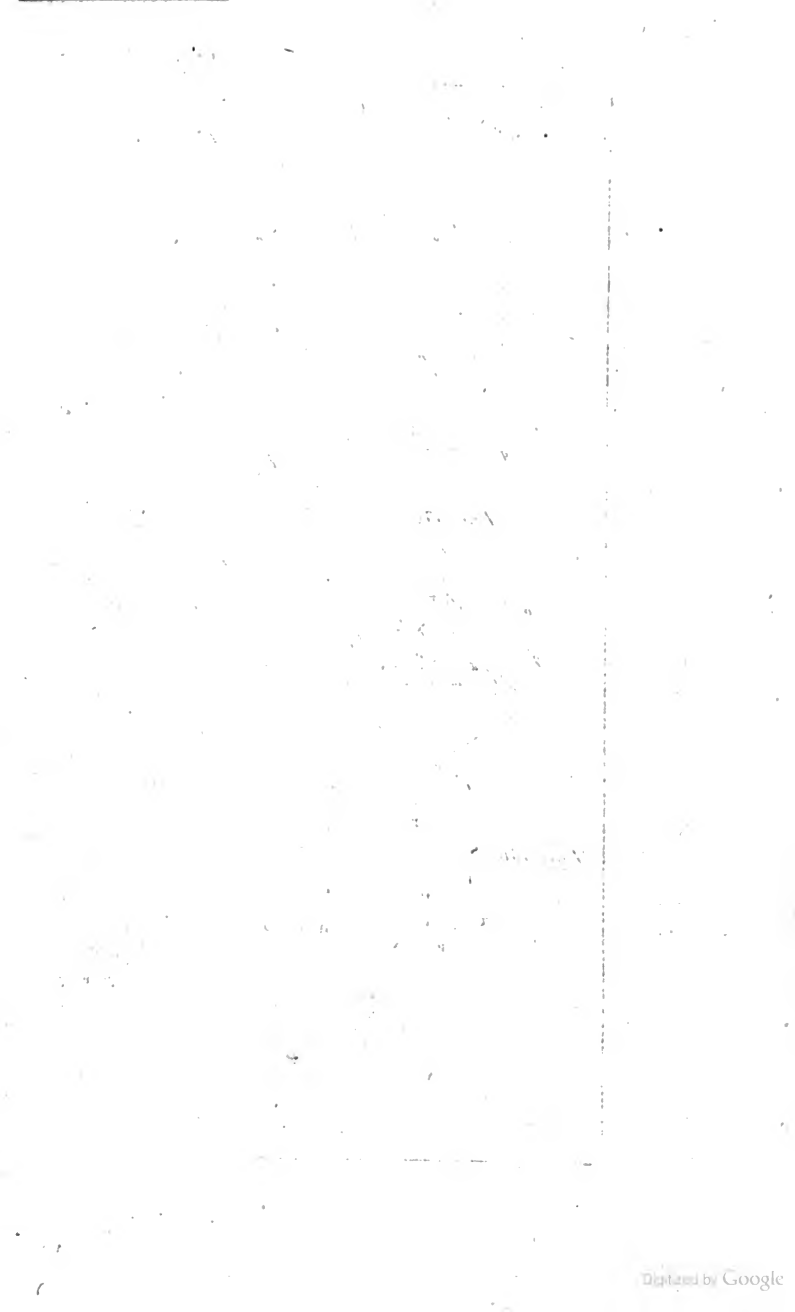


Fig. 128.

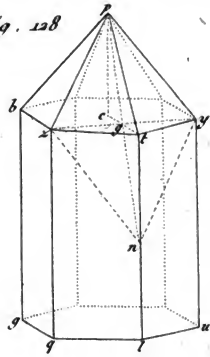


Fig. 129.

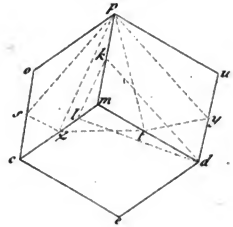


Fig. 132.

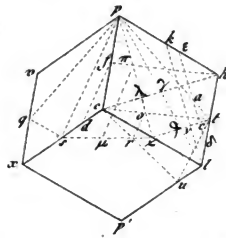


Fig. 133.

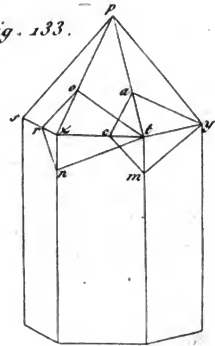


Fig. 136.

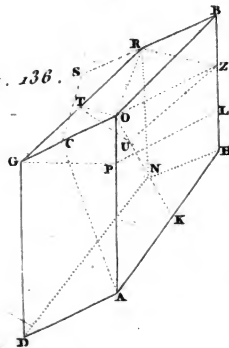


Fig.

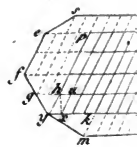


Fig. 130.

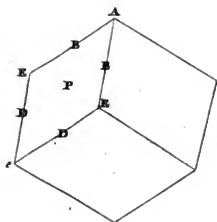


Fig. 131.

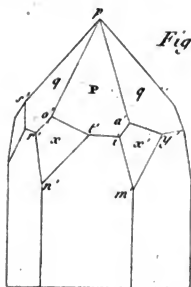


Fig. 134.

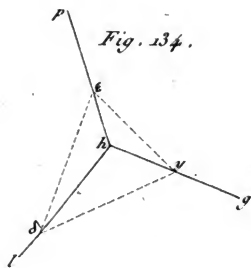
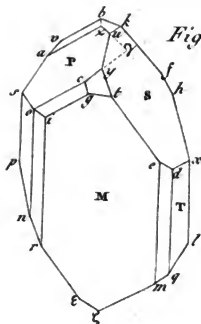


Fig. 135.



137.

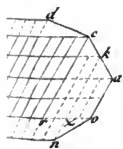
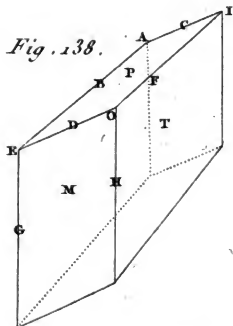


Fig. 138.



Maleuvre Sculp.

Fig. 139.

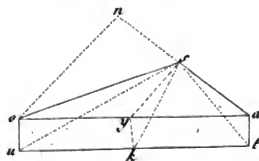


Fig. 14.

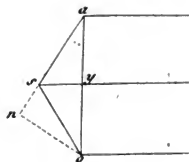


Fig. 143.

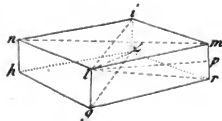
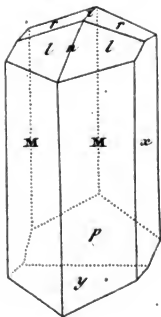


Fig. 144.



Fig. 147.



Fi



Fig. 141.

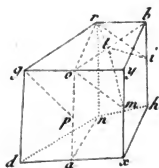


Fig. 142.

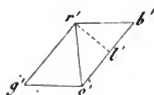


Fig. 145.

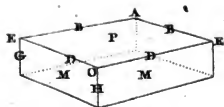


Fig. 146.

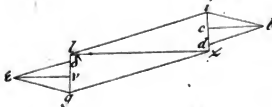


Fig. 148.

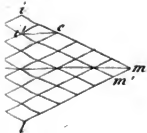


Fig. 149.

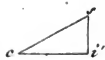


Fig. 150.

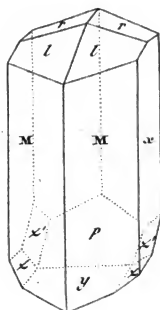


Fig. 151.

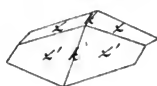


Fig. 154.

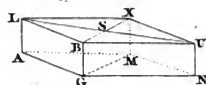


Fig. 155.

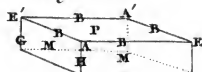


Fig. 156.

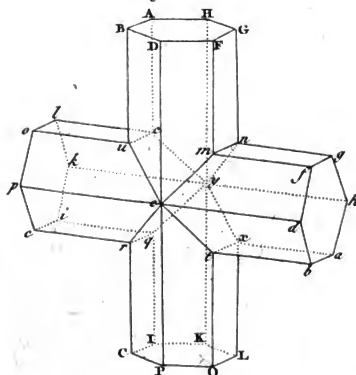


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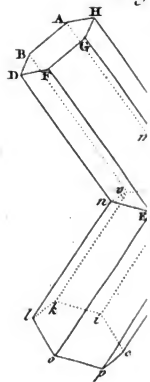


Fig. 159.



Fig. 160.



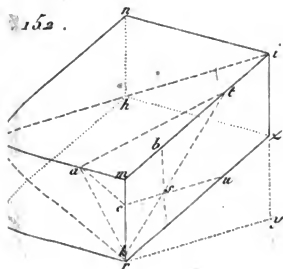


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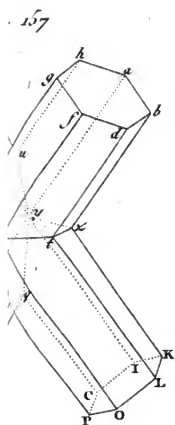
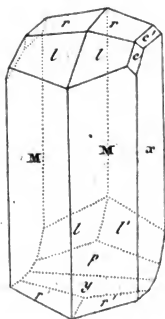


Fig. 158.

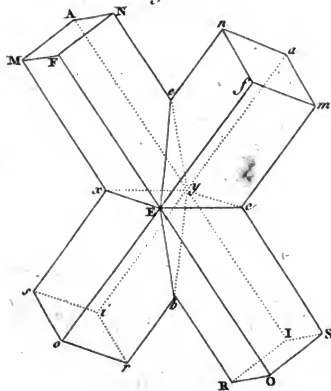


Fig. 162.

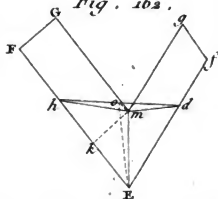
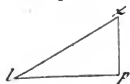


Fig. 161.



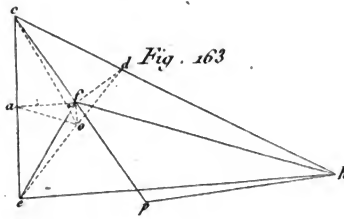


Fig. 163

Fig. 164.



Fig. 167.

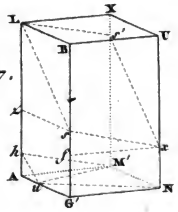


Fig. 169.

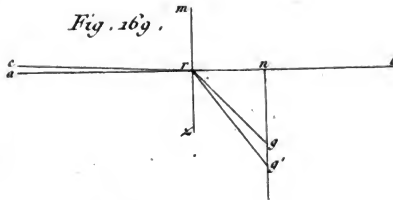


Fig. 171.

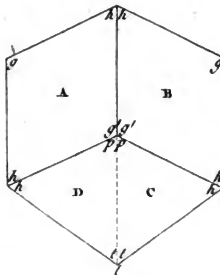


Fig. 170.



Fig. 17



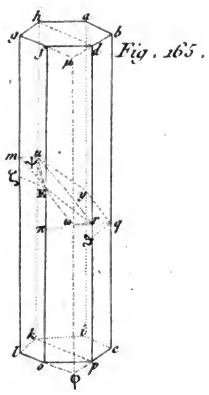


Fig. 165.

Fig. 166.

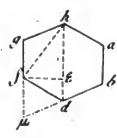


Fig. 168.

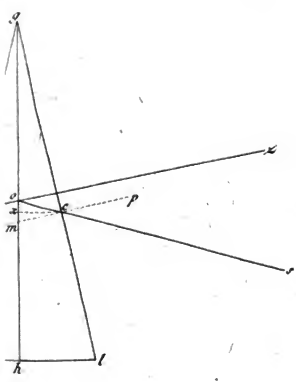
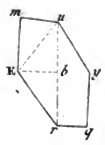
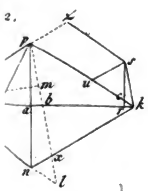
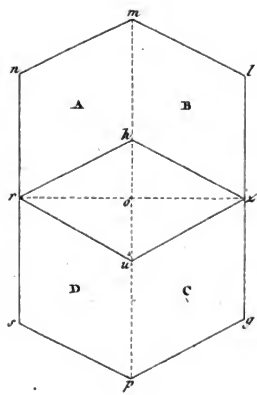


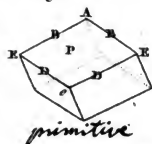
Fig. 173.



Maletore Sculp.

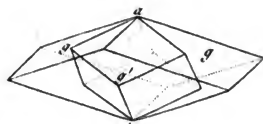
CHAUX CARBONATÉE

Fig. 1.



primitive

Fig. 2.



Equiaxe

Fig. 6.

mixte

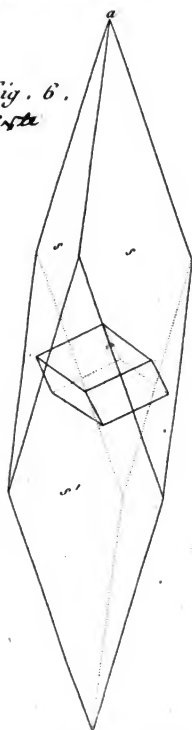


Fig. 7.

carbonate

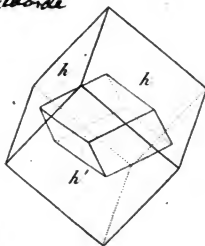


Fig. 3.

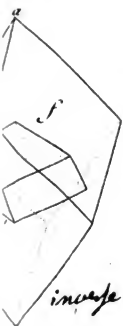


Fig. 4.

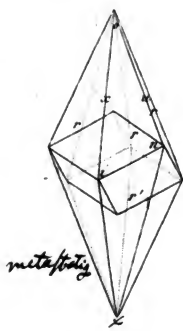


Fig. 5.

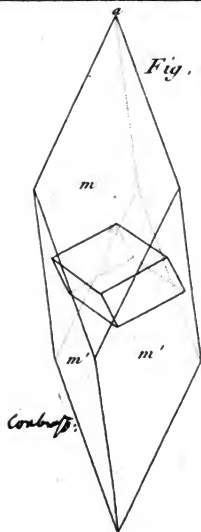


Fig. 8. base

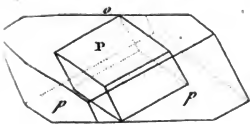
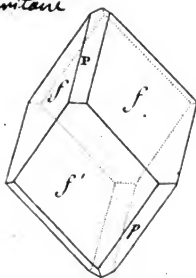


Fig. 9. unitaire



111

Suite de la CHAUX CARBONATÉE

Fig. 1.
Rhomboidale

Fig. 10.
prismale

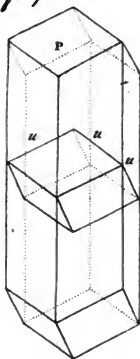


Fig. 11
binaire

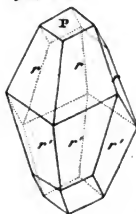


Fig. 12.
initiale

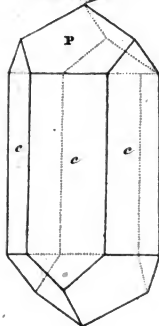


Fig. 16.
unitaire

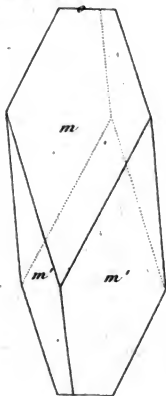


Fig. 17.
bifunitaire

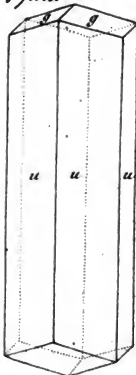


Fig. 18.
dodecaédrique





Fig. 14.
prismatique

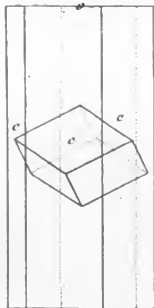


Fig. 15.
~~distinction~~
apophane

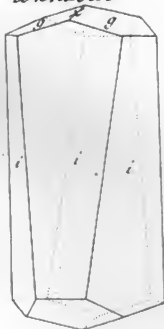
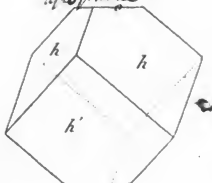


Fig. 21.
dilatée

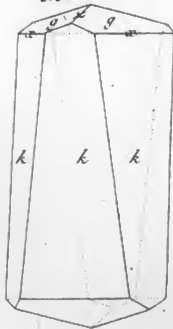


Fig. 19.
dodecaédrique



Maloure Sculp.

Suite de la CHAUX CARBONATÉE

Fig. 22.
*Endo-
saxine*

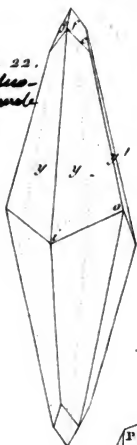


Fig. 23.
biferrae

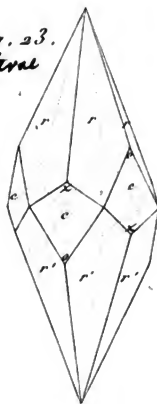


Fig. 24.
*biferrae
pyramide*



Fig. 27.
trirhomboidale

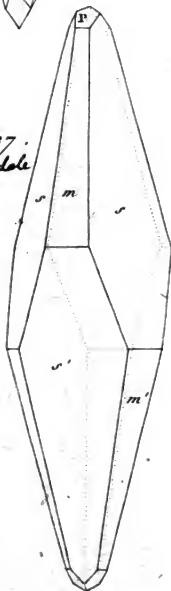


Fig. 28.
equivalent



Fig. 25.
binotulaire

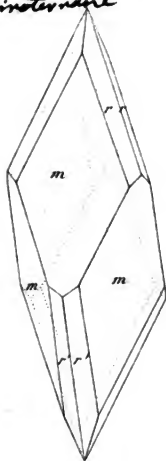


Fig. 26.
bibinaire

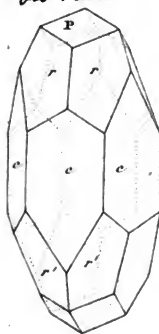


Fig. 29.
prismatique

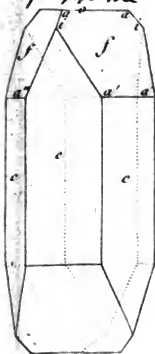


Fig. 30.
Hypoxyle

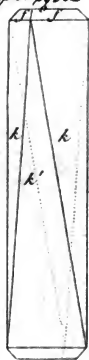
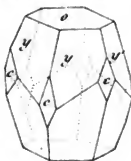


Fig. 31
octaédrique



Maleuvre Sculp.

Suite de la CHAUX CARBONATÉE

Fig. 32.
autangula



Fig. 33
pseudocubique

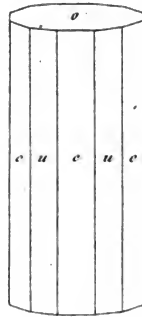


Fig.
anale



Fig. 37.
substrative

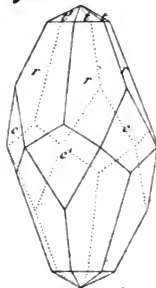


Fig. 38.
dijointe

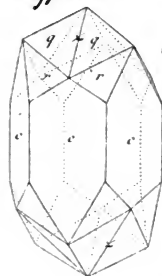


Fig. 35.
analogique profond

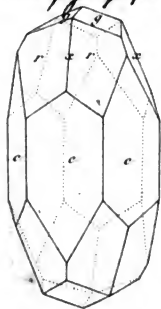


Fig. 36.
retrograde

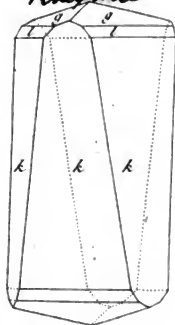


Fig. 39.
romaine

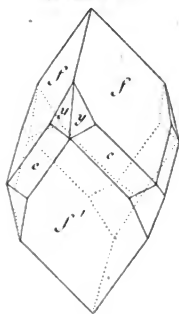
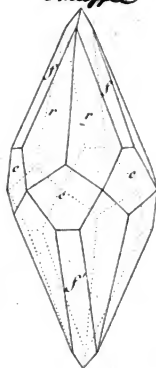


Fig. 40.
émuffle



Maistre Sculp.

Suite de la CHAUX CARBONATÉE

Fig. 41.
mégalopline

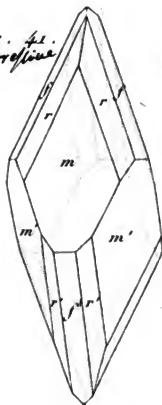


Fig. 42.
pseudoxyale

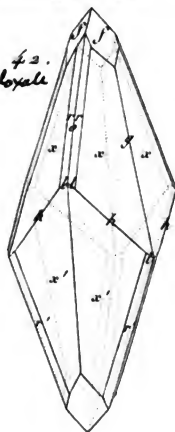


Fig.
complanée



Fig. 46.
héloïque

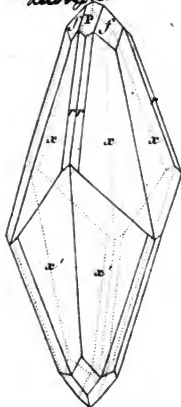


Fig. 47.
laublonite

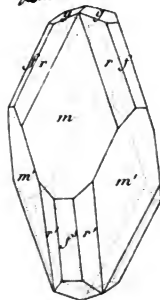
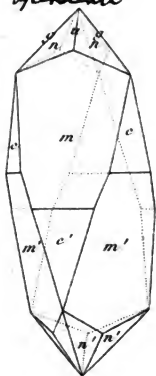
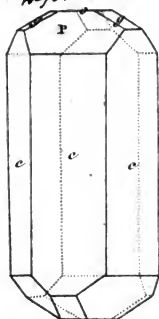
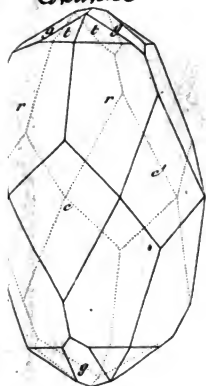
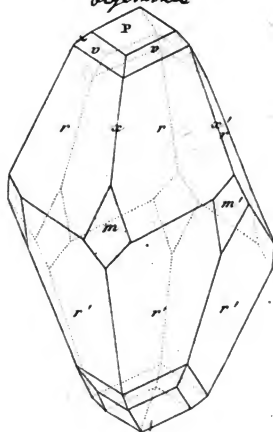


Fig. 44
apiculataFig. 45
triformeFig. 48.
continuaFig. 49.
bixemina

Macleure Sculp.



Suite de la CHAUX CARBONATÉE

Fig. 50.
Leucophaea

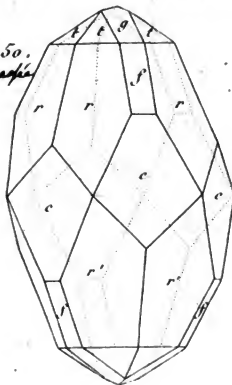


Fig. 51.

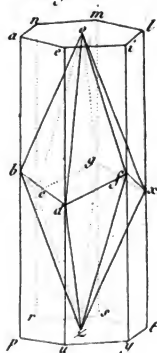


Fig. 54.

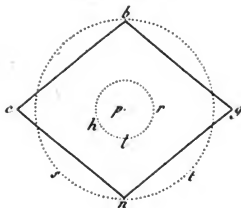
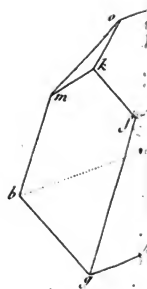


Fig. 56.



DOUBLE REFRACTION

Fig. 52.

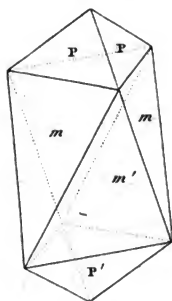


Fig. 53.

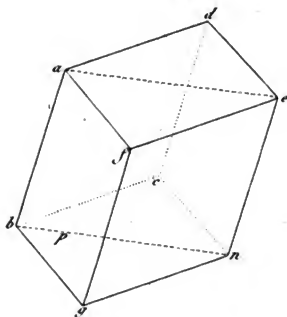


Fig. 55.

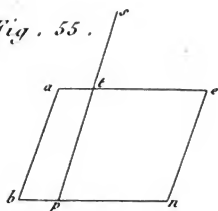


Fig. 57.

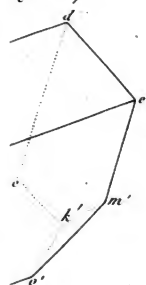
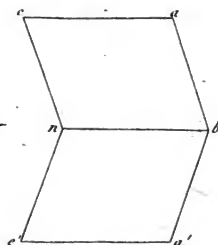


Fig. 58.



Maleuvre Sculp.

Suite de la CHAUX CARBONATÉE

Fig. 60

Fig. 59.

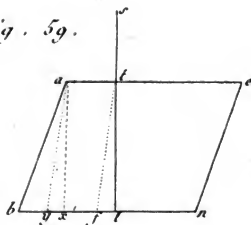


Fig.

Fig. 62.

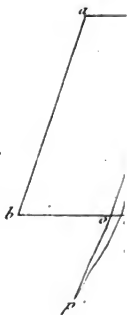
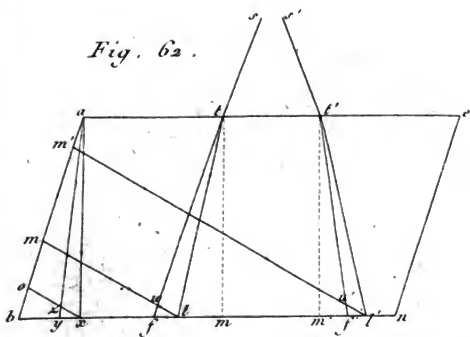
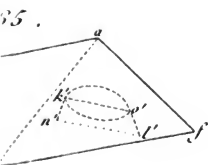
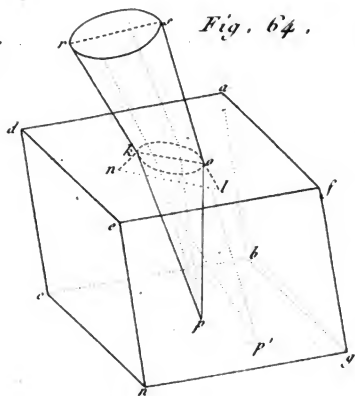
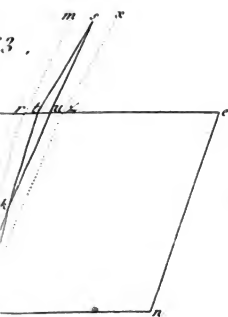
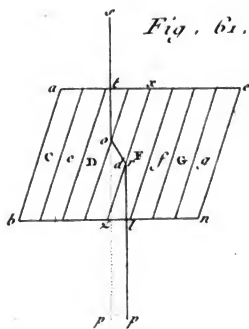


Fig.





CHAUX PHOSPHATÉE

Fig. 66.

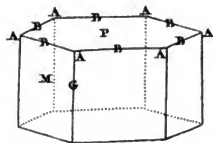


Fig. 67.



Fig. 70.

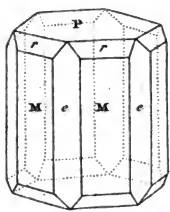


Fig. 71.

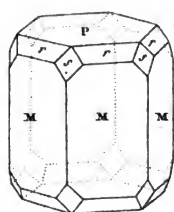


Fig. 68.

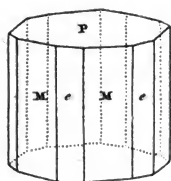


Fig. 69.

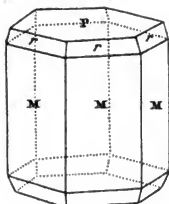


Fig. 72.

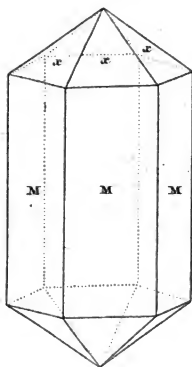
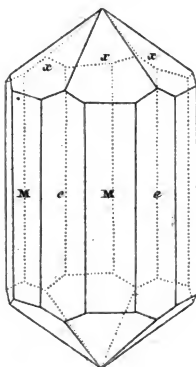


Fig. 73.



Macleuvre Sculp.

CHAUX FLUATÉE

Fig. 74.

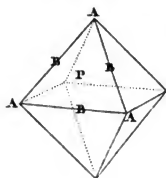


Fig. 75.

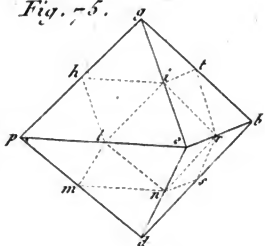


Fig.

Fig. 78.

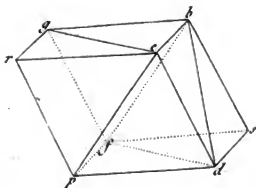


Fig. 79.

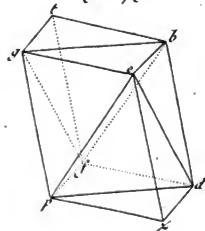


Fig. 81

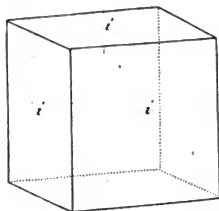
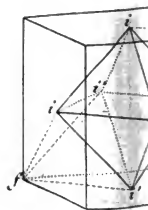


Fig. 8.



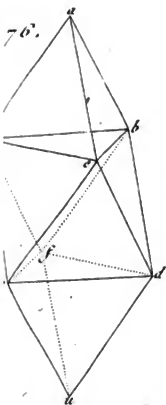


Fig. 77.

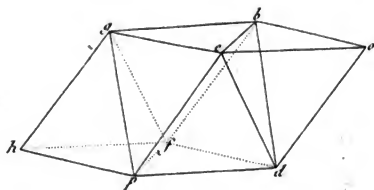
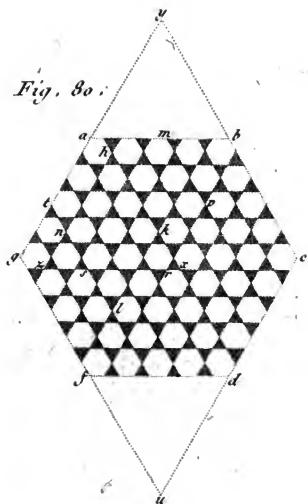


Fig. 80.



Macleod Sculp.

Suite de la CHAUX FLUATÉE

Fig. 83.

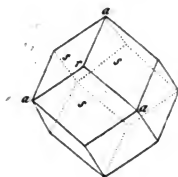


Fig. 84.

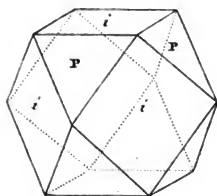


Fig. 87.

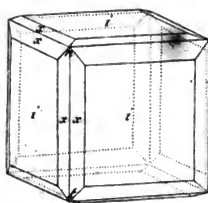


Fig. 88.

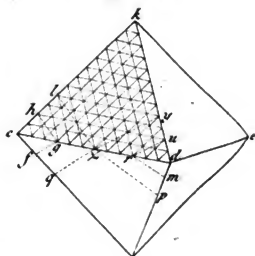
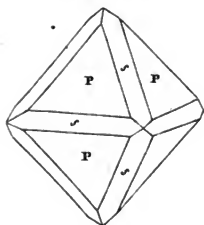
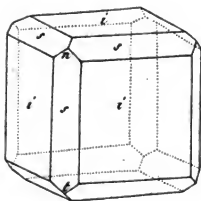
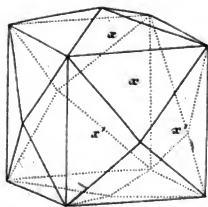
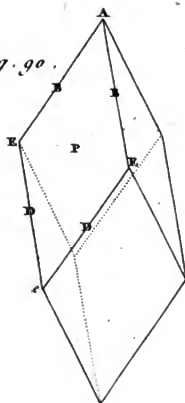


Fig. 85.*Fig. 86.**Fig. 89.**Fig. 90.**Malouin Sculp.*

MAGNÉSIE BORATÉE

Fig. 91.

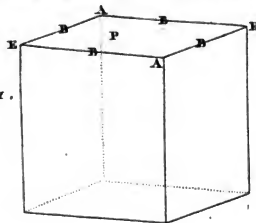
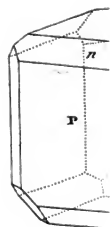


Fig.



CHAUX SULFATÉE

Fig. 94.

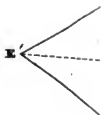
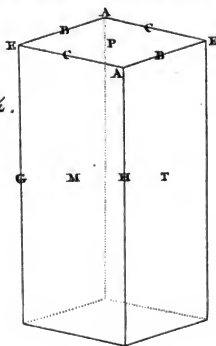


Fig. 97.

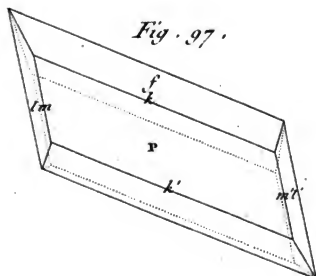
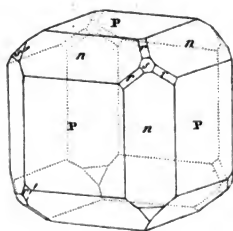


Fig. 93.



92.

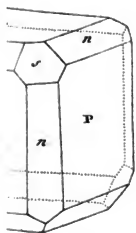


Fig. 96.
trigone

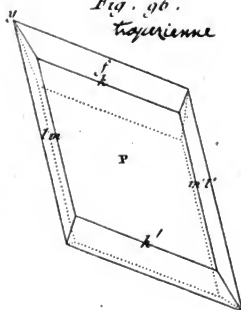
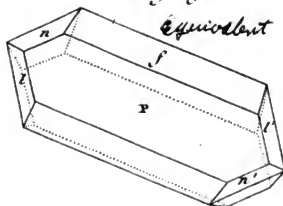


Fig. 98.
Equivalent



Maloure Sculp.

Suite de la CHAUX SULFATÉE

Fig. 99.
prominente

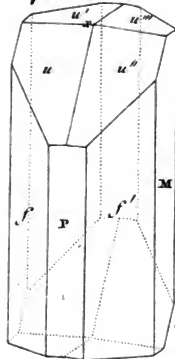


Fig. 100.

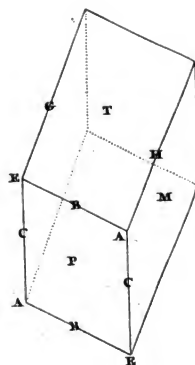


Fig. 103.

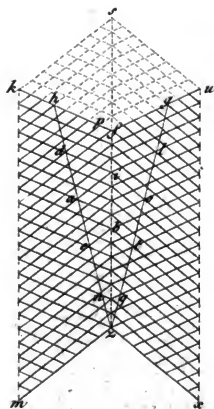


Fig. 104.

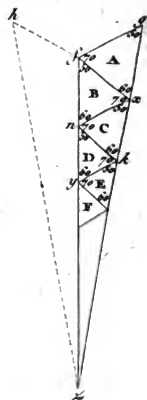


Fig. 101.

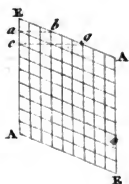


Fig. 102.

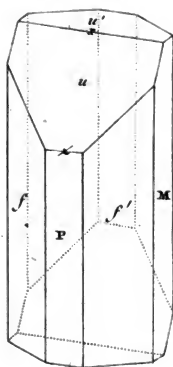
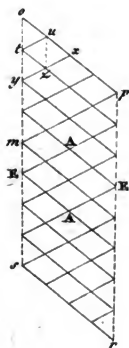


Fig. 105.



Fig. 106.



BARYTE SULFATÉE

Fig. 107.

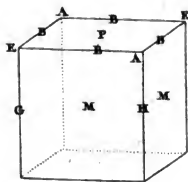


Fig. 108.

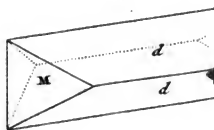


Fig. 110.

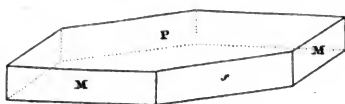


Fig. 111.

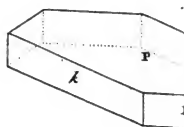


Fig. 113.

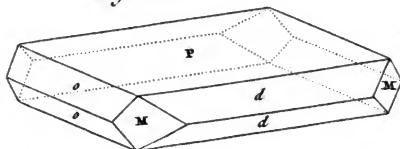


Fig. 115.

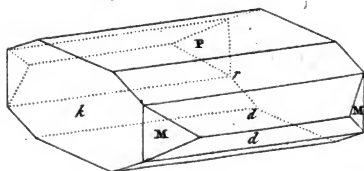


Fig. 109.

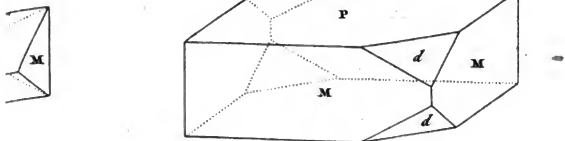


Fig. 112.

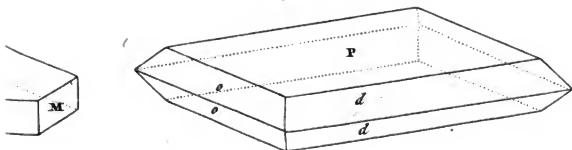


Fig. 114.

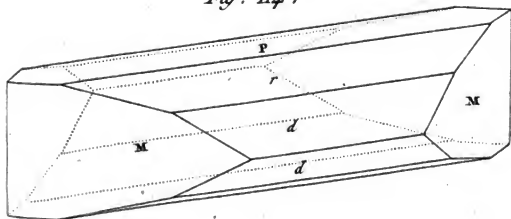
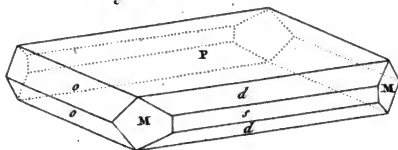


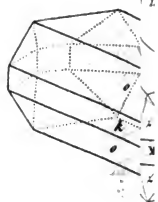
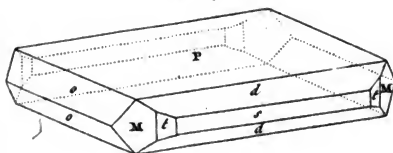
Fig. 116.



Maleuvre Sculp.

Suite de la BARYTE SULFATÉE

Fig. 117.



STRONTIANE SULFATÉE

Fig. 120.

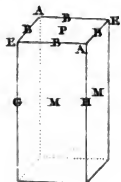


Fig. 121.

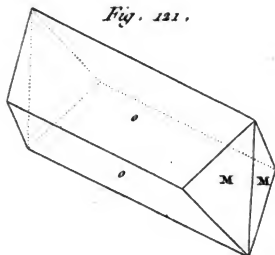


Fig. 124.

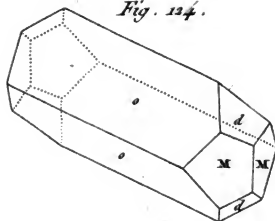


Fig. 125.

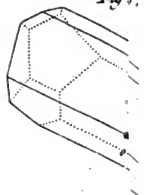


Fig. 118.

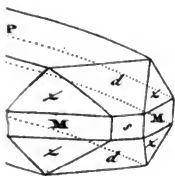


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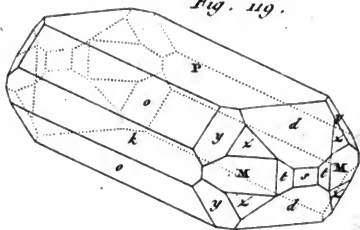


Fig. 122.

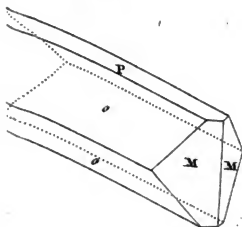


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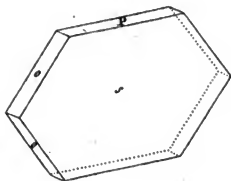


Fig. 125.

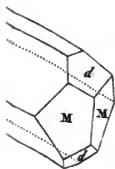
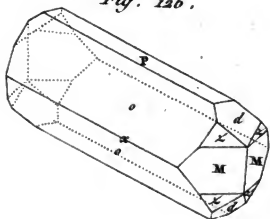


Fig. 126.

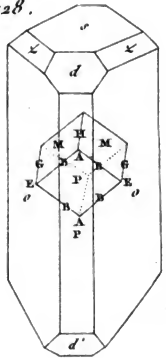
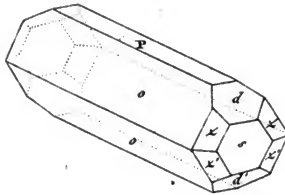


Malenore Sculp.

Suite de la STRONTIANE SULFATÉE

Fig. 128.

Fig. 127.



MAGNESIE SULFATÉE

Fig. 131.

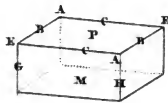


Fig. 132.

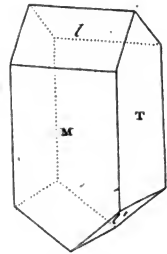


Fig. 135

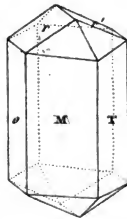


Fig.



Fig. 129.

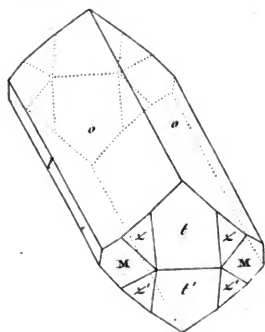


Fig. 130.

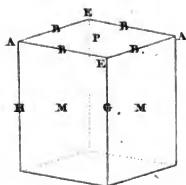


Fig. 133

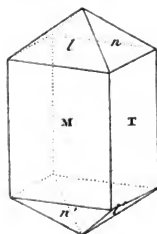


Fig. 134

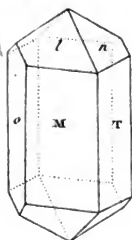
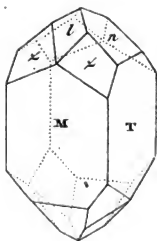


Fig. 137.



Malouin Sculp.

POTASSE NITRATÉE

Fig. 138.

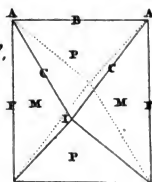


Fig. 139.

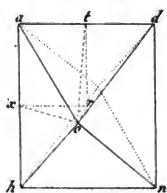


Fig. 142.

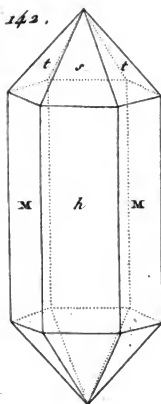


Fig. 143.

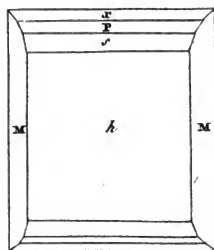


Fig. 146.

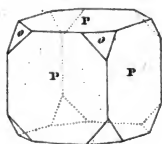
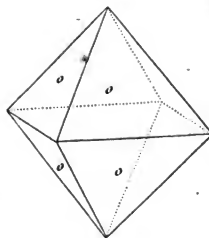


Fig. 147.



SOUDE

Fig. 148.



Fig. 140.

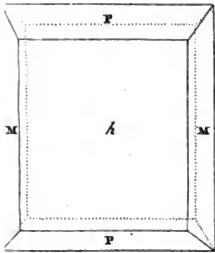


Fig. 141.

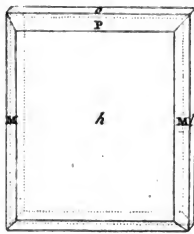
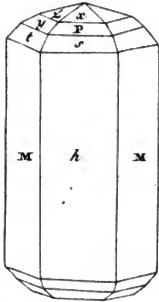


Fig. 144.



SOUDE MURLATÉE

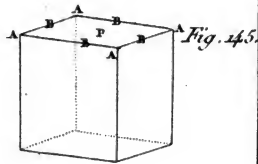


Fig. 149.
prismato

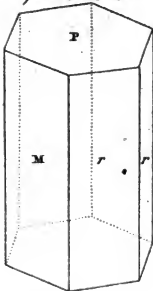
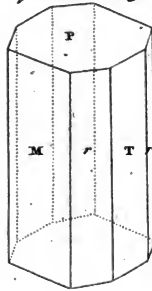
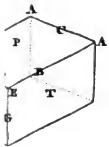


Fig. 150.
prismato



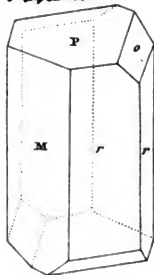
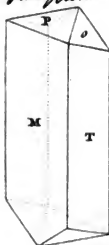
ORATÉE



Suite de la SOUDE BORATÉE
massive

Fig. 152.
distendu

Fig. 151.



SOUDE CARBONATÉE

Fig. 155.

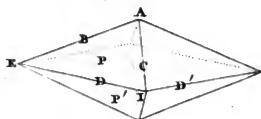
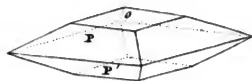


Fig. 156.



ALUMINE SULFATÉE ALKALINE

Fig. 159.

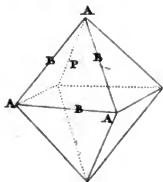


Fig. 160.

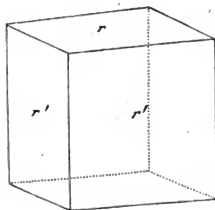


Fig. 153.
Isodromale

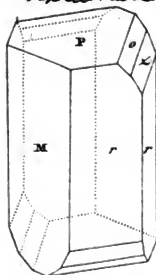
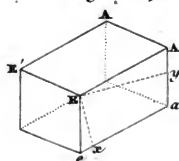


Fig. 154.



AMMONIAQUE MURLATÉ

Fig. 157.

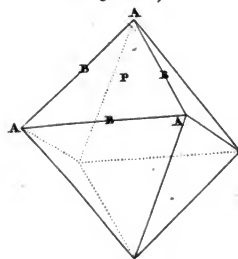


Fig. 158.

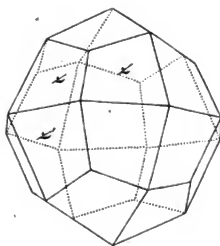


Fig. 161.

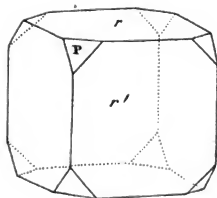
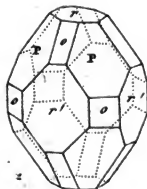


Fig. 162.



Maleuvre Sculp.

QUARTZ

Fig. 1.

dodecaedron

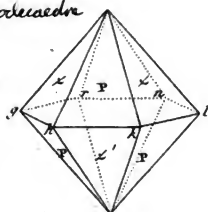


Fig. 2.

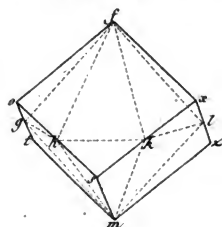


Fig. 5.

prism

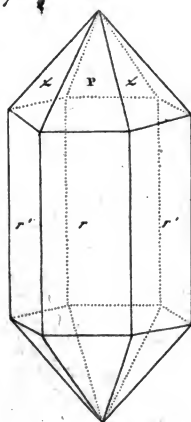


Fig. 6.

Rombilée

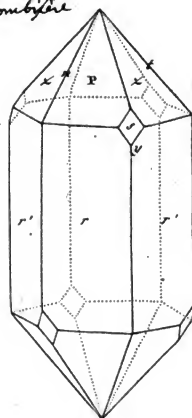


Fig. 3.

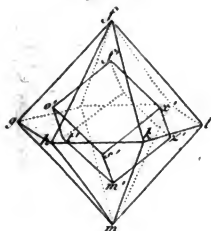


Fig. 4.

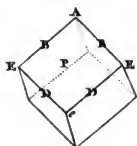


Fig. 7.

Glaphiride

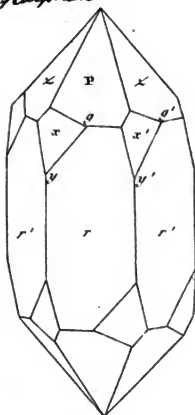
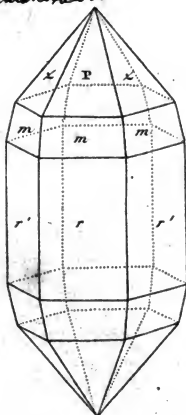


Fig. 8.

pentahedron



Maloure Sculp.

ZIRCON.

Fig. 9.

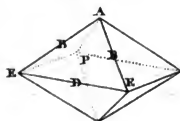


Fig. 10.

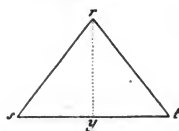


Fig. 12

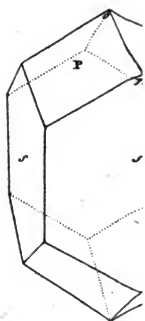


Fig. 11.

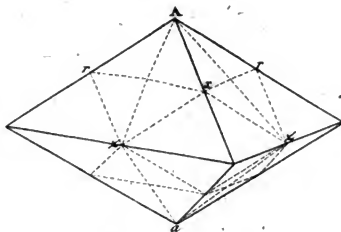


Fig. 15.

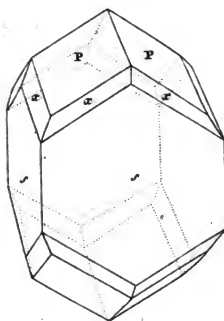


Fig. 16.

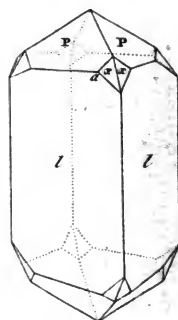


Fig. 13.

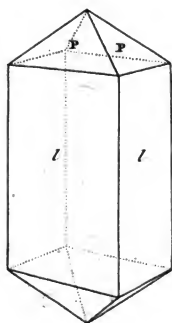


Fig. 14.

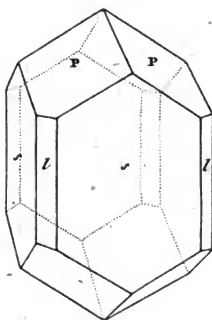


Fig. 17.

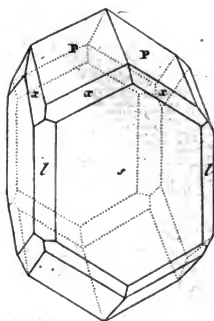
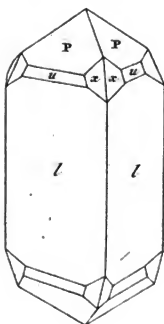


Fig. 18.



Malettre Sculp.



TELESIE

Fig. 19.

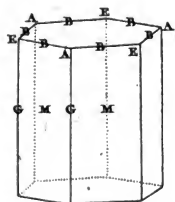


Fig. 20.

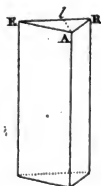


Fig. 21.

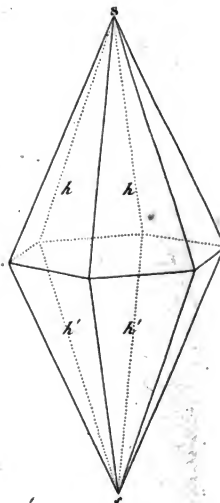
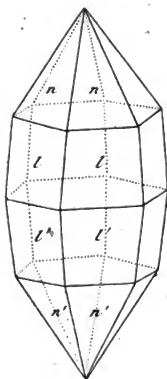


Fig. 24.



CYMOPHANE

Fig. 25.

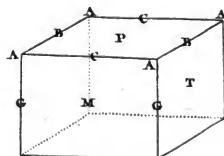


Fig. 22.

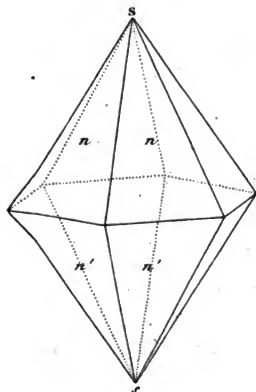


Fig. 23.

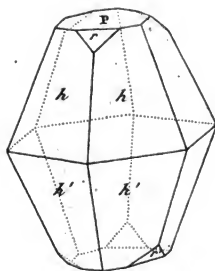


Fig. 26.

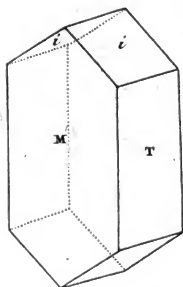
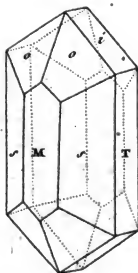


Fig. 27.



Malouvre Sculp.

Suite de la CYMOPHANE

Fig. 28.

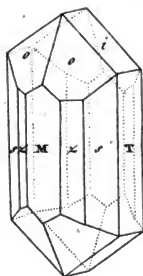


Fig. 29.

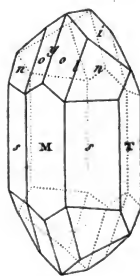


Fig. 32.

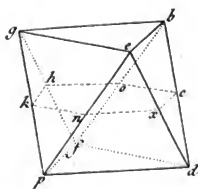
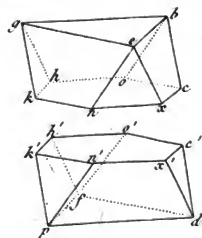


Fig. 33.



PINELLE

Fig. 30.

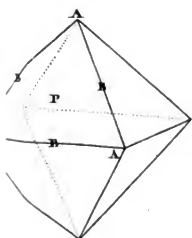


Fig. 31.

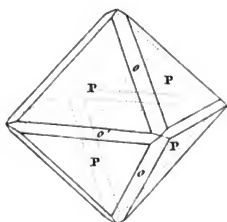


Fig. 34.

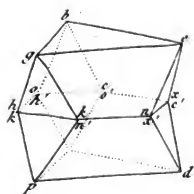
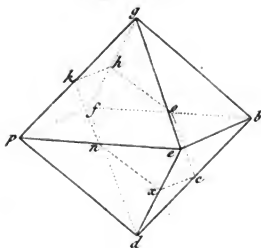


Fig. 35.



Maître Sculpt.

TOPAZE Fig. 36.

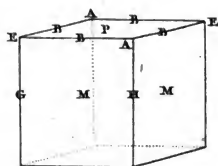


Fig. 37.

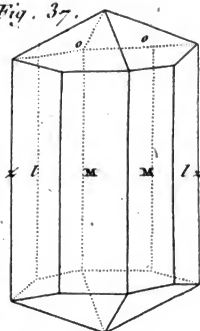


Fig. 40. A

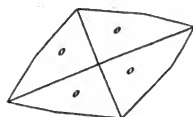
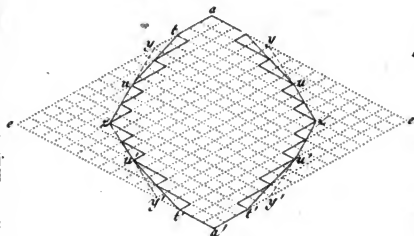


Fig. 40.

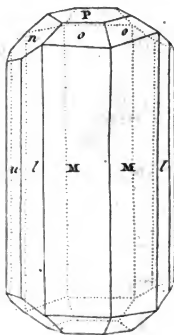


Fig. 37. A

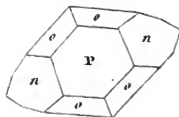
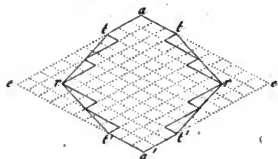


Fig. 38.

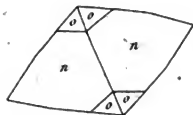
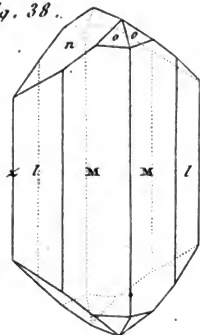


Fig. 39.

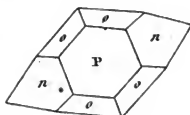
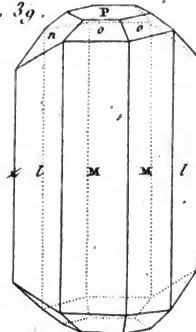


Fig. 41.

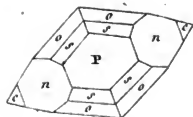
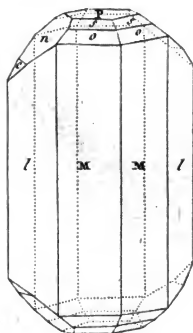
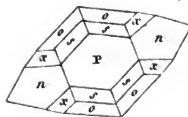
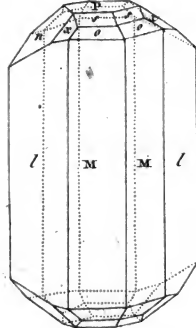


Fig. 42.



Malouin Sculp.

TOPAZE Fig. 36.

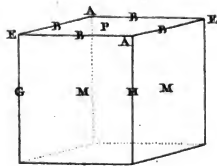


Fig. 37.

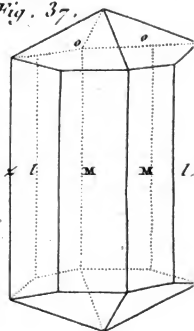


Fig. 40. A.

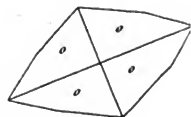
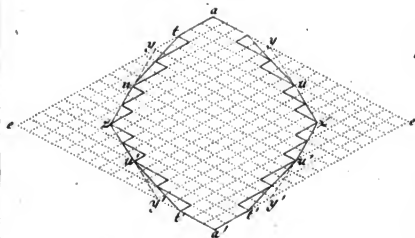


Fig. 40.

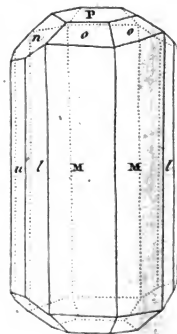


Fig. 37. A

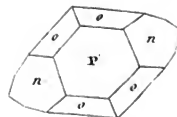
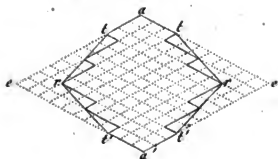


Fig. 38.

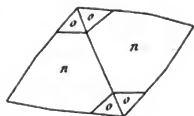
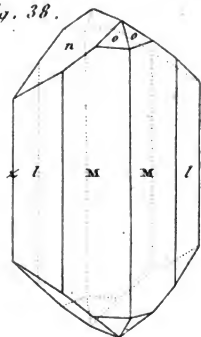


Fig. 39.

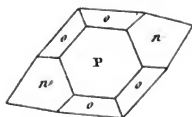
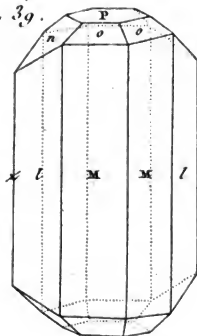


Fig. 41.

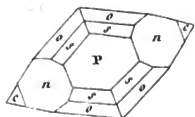
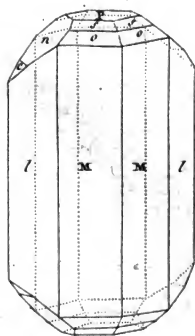
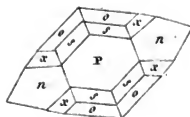
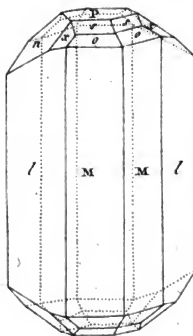


Fig. 42.



Mabius Sculp.

EMERAUDE

Fig. 43.

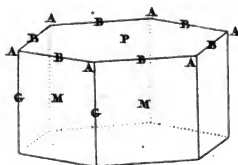


Fig. 45.

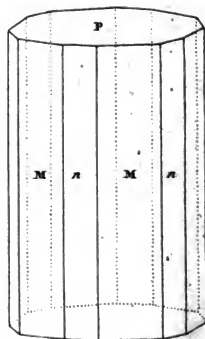


Fig. 44.

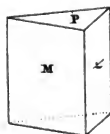


Fig. 48.

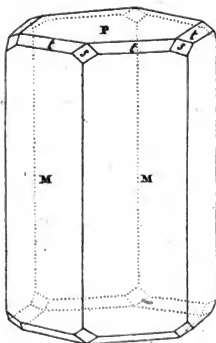


Fig. 49.

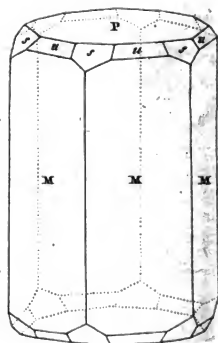


Fig. 46.

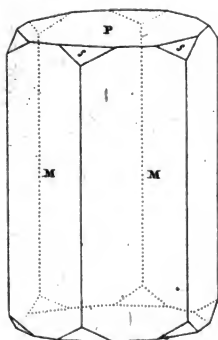
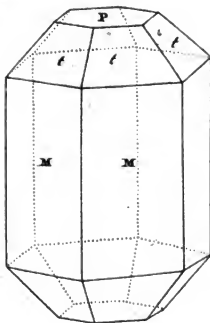


Fig. 47.



EUCLASE

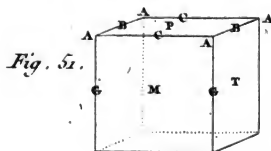


Fig. 51.

Fig. 50.

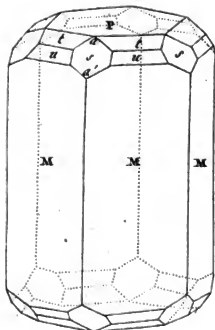
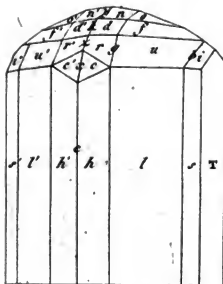


Fig. 52.



GRENAT

Fig. 53.

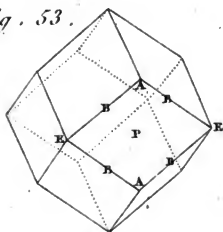


Fig. 54.

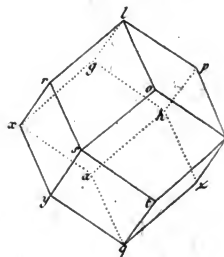


Fig. 57.

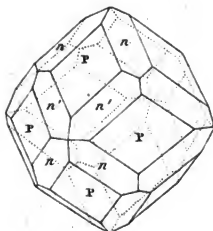
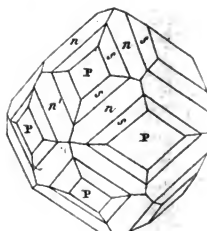


Fig. 58.



AMPHIGENE

Fig. 61.

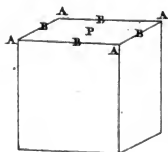


Fig. 6.

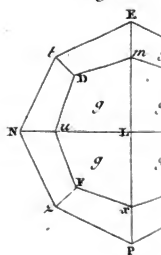


Fig. 55.

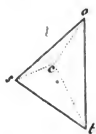


Fig. 56.

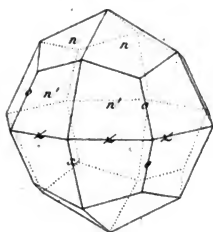


Fig. 59.

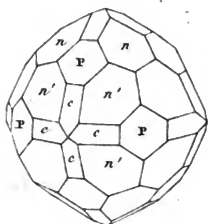


Fig. 60.

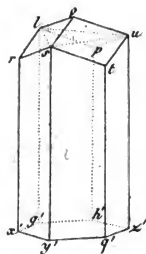
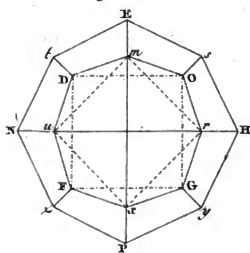


Fig. 63.



Maloure Sculp.

Suite de L'AMPHIGENE

Fig. 64.

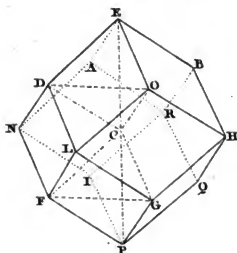


Fig. 65.

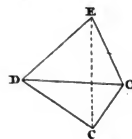
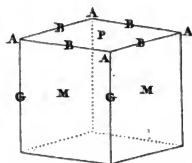


Fig.

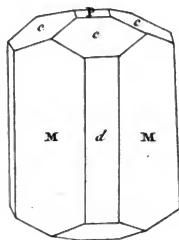


IDOCRASE

Fig. 69.



*Fig. 70.
imbinaire*



*Fig. 71.
Substrative*

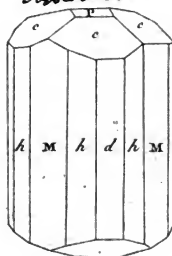


Fig. 67.

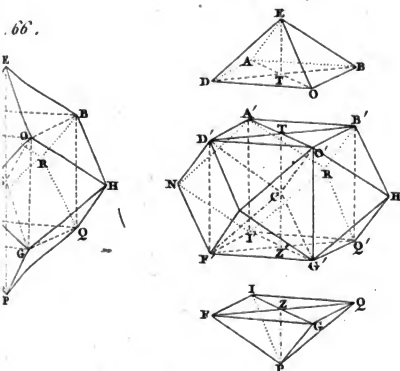


Fig. 68.

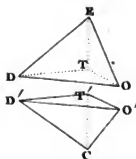


Fig. 72.

Substratum talp. triple

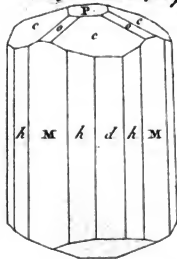


Fig. 74.

Emacanthodes

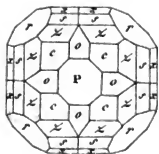
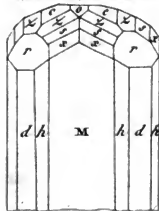
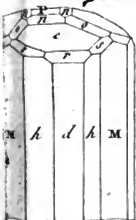


Fig. 73.

Impressit



Macleure Sculp.

Suite de L'AMPHIGENE

Fig. 64.

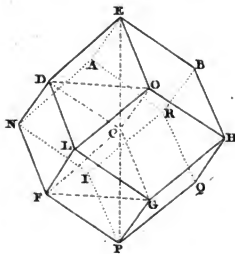


Fig. 65.

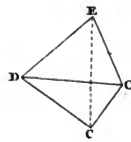


Fig.



IDOCRASE

Fig. 69.

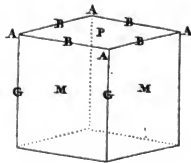


Fig. 70.
unbinario

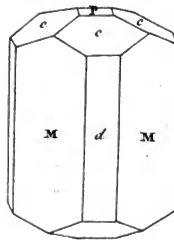


Fig. 71.
suprativo

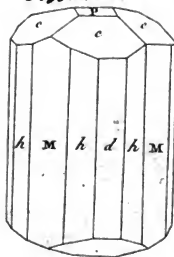


Fig. 67.

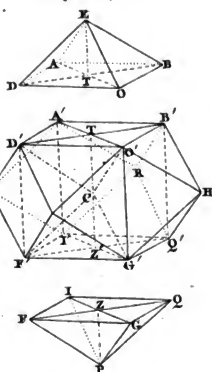


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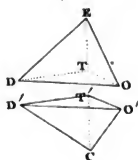


Fig. 72.
substruere sub/buplo

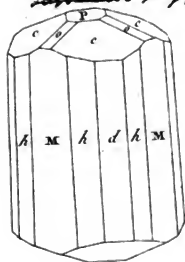


Fig. 74.
Emacanthides

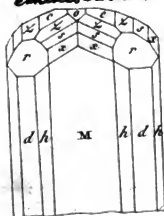
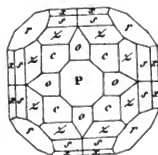
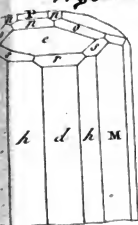


Fig. 73.
ingredite



MEIONITE

Fig. 75.

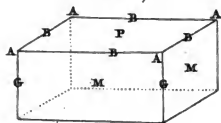


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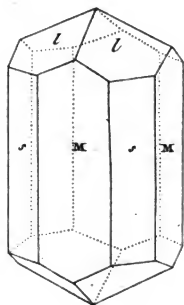


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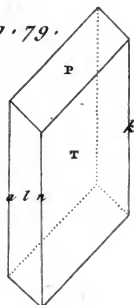


Fig. 81.

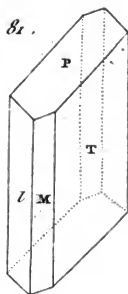
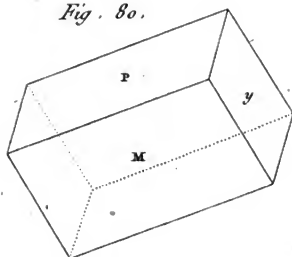


Fig. 80.



FELD-SPATH

Fig. 77.

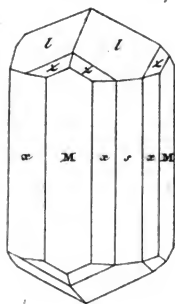


Fig. 78.

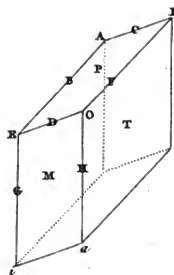


Fig. 82.

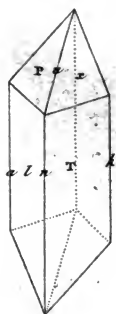
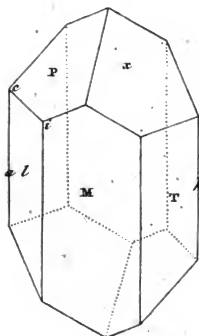


Fig. 83.



Maleuvre Sculp.

Suite du FELD-SPATH.

Fig. 84.

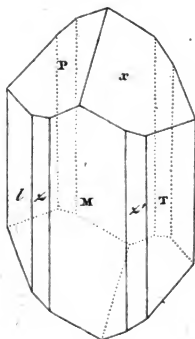


Fig. 85.

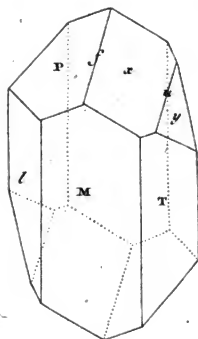


Fig. 88.

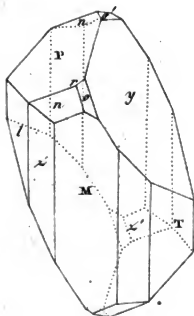


Fig. 89.

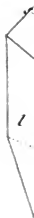
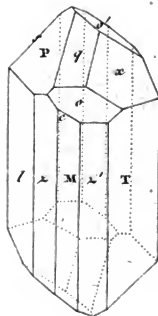


Fig. 86.

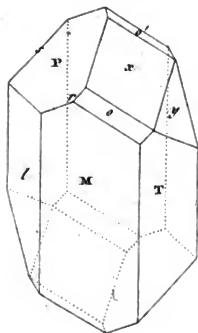


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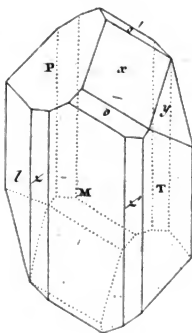


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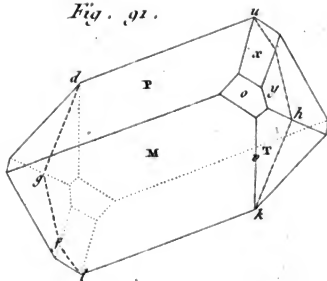


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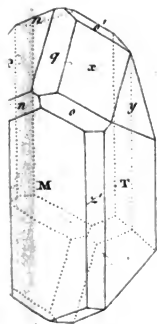
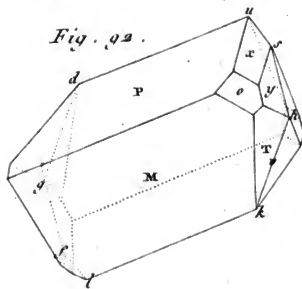


Fig. 92.



Malenro Sculp.

Suite du **FELD-SPATH**

Fig. 93.

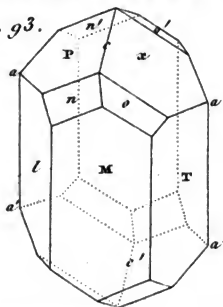
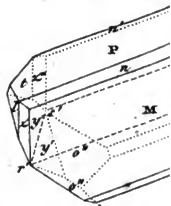


Fig. 94.



CORINDON

Fig. 96.

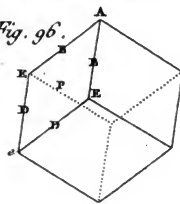


Fig. 97.

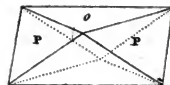
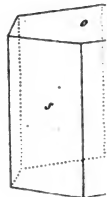


Fig.



PLEONASTE

Fig. 101.

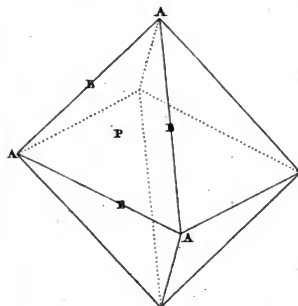


Fig. 102.

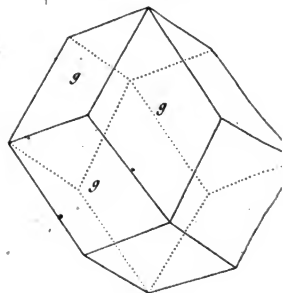
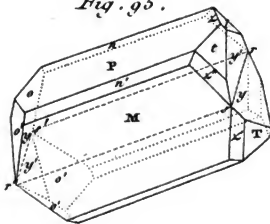


Fig. 95.



8.

Fig. 99.

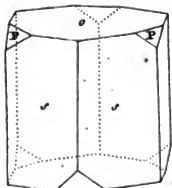


Fig. 100.

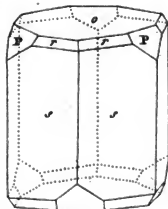


Fig. 103.

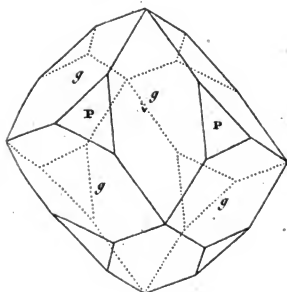
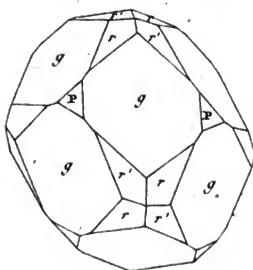


Fig. 104.



Macleure Sculp.

AXINITE

Fig. 105.

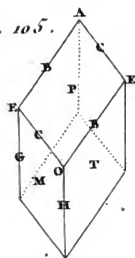


Fig. 106.

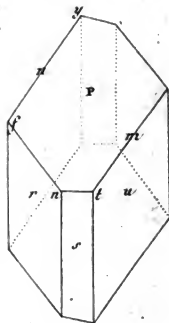


Fig. 109.

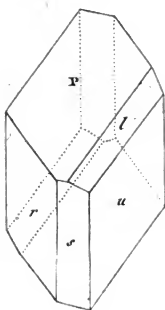


Fig. 110.

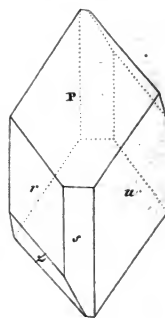


Fig. 107.

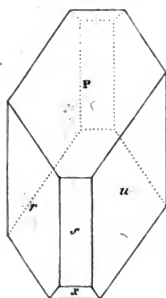


Fig. 108.

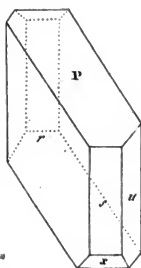


Fig. 109.

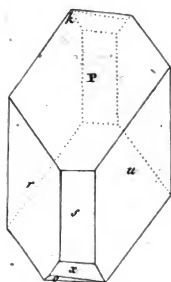
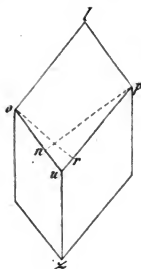


Fig. 112.



Madeure Sculp.

TOURMALINE

Fig. 113.

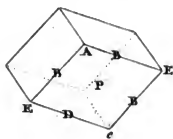


Fig. 114.

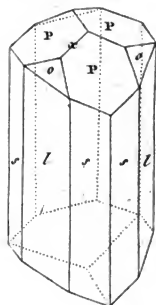


Fig. 117.

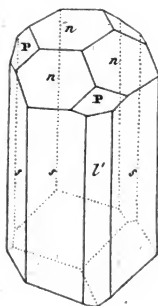


Fig. 118

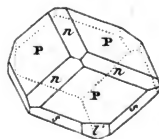


Fig. 121.

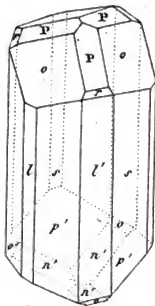


Fig. 122.

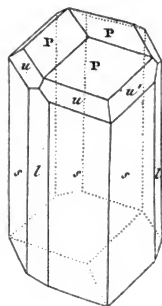


Fig. 115.

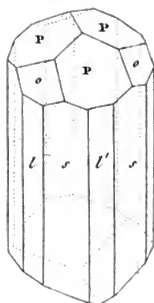


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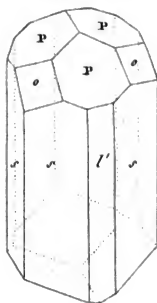


Fig. 119.

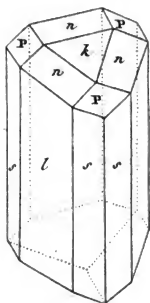


Fig. 120.

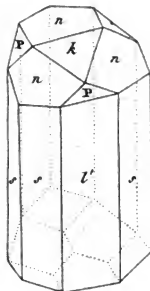


Fig. 123.

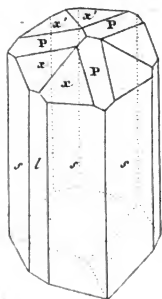
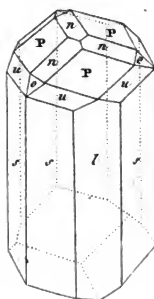


Fig. 124.



Mémoire de Sculp.



Suite de la TOURMALINE

Fig. 1.

Fig. 125.

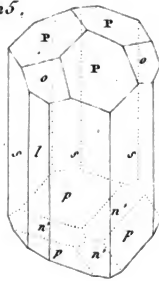


Fig. 128.

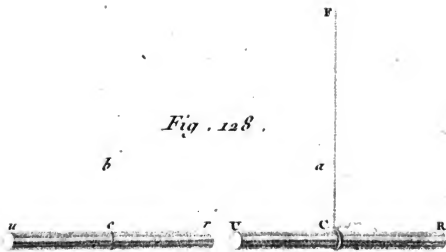


Fig. 130.

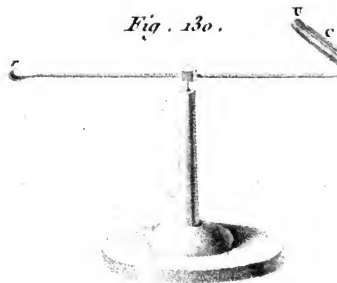


Fig. 127.

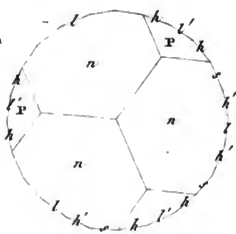


Fig. 129.

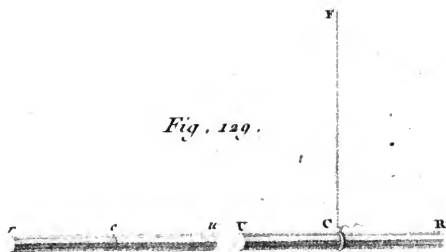


Fig. 131.



Maleuvre Sculp.

AMPHIBOLE

Fig. 132.



Fig. 137.

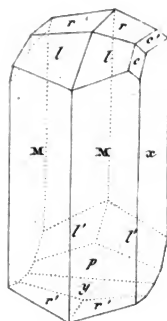


Fig. 142.
Leptotrichus

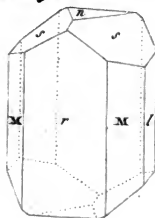


Fig. 133.

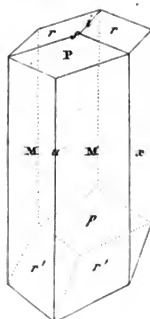


Fig. 138.
PYROXENE

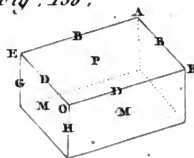


Fig. 143.
distachis

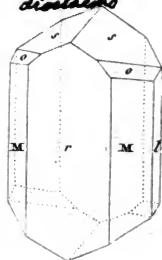


Fig. 134.

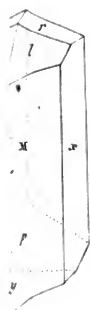


Fig. 135.

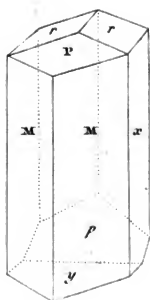


Fig. 136.

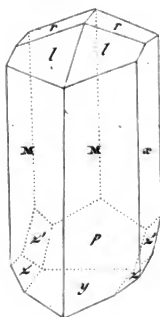


Fig. 139.
cho



Fig. 140.
l'andario

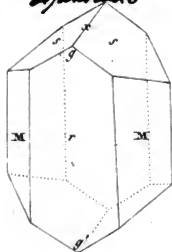


Fig. 141.
trinitario

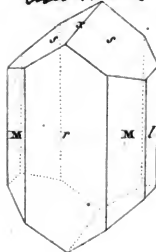
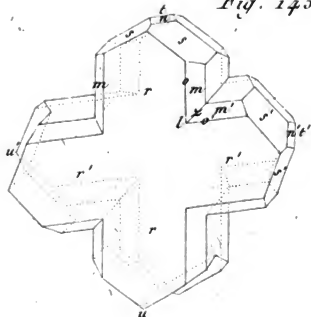


Fig. 144.
Emitepe



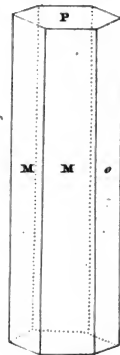
Fig. 145.



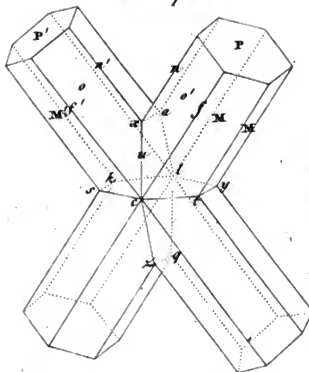
STAUROTIDE



*Fig. 147.
unisolada*



*Fig. 150.
obliquangula*



EPIDOTE

Fig. 151.

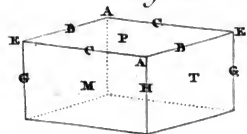


Fig. 148.
unibinaia

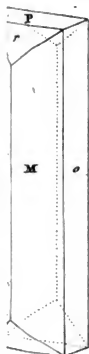


Fig. 149.
rebangstone

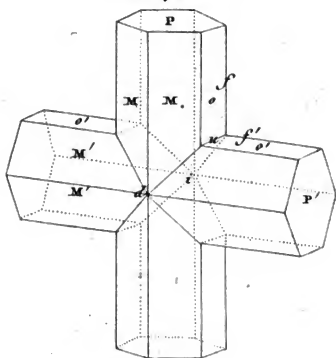


Fig. 152.
bitanitario

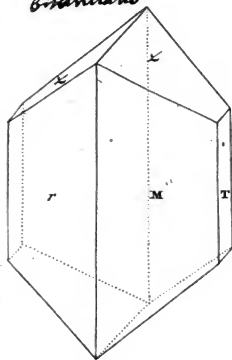
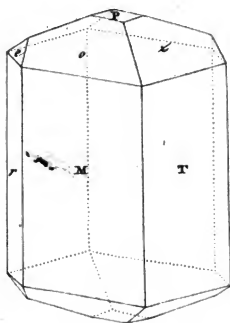


Fig. 153.
sexquadricesimale



Suite de L'ÉPIDOTE

Fig. 154.
monocline

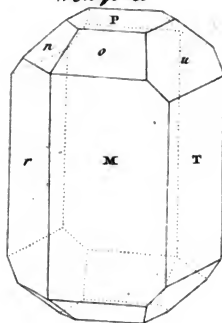


Fig. 155.
tridymite

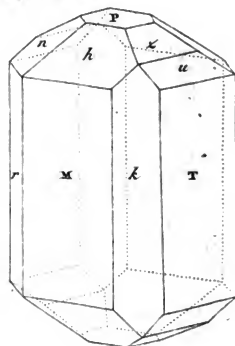


Fig. 158.
tridymite

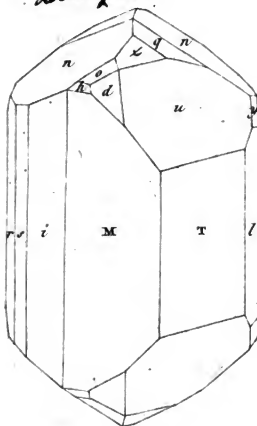


Fig. 159.

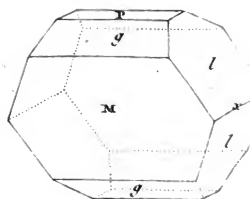


Fig. 156.

dipimilare

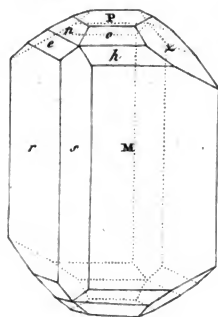
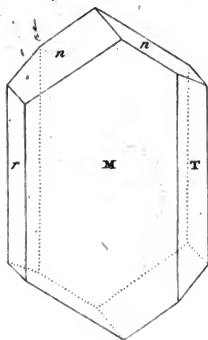


Fig. 157.

amphiprismo



SPHENE

Fig. 160.

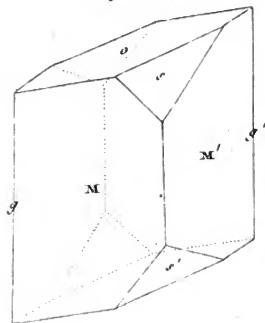
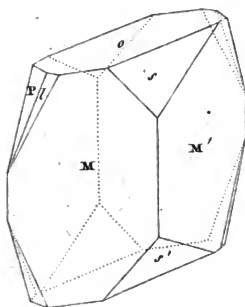


Fig. 161.



Malouin Sculp.

Suite du SPHÈRE

Fig. 162.

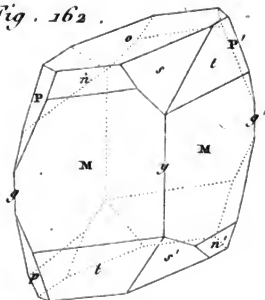


Fig. 163.

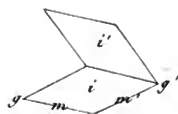
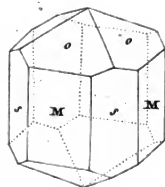


Fig. 166.



WERNERITE

Fig. 165.

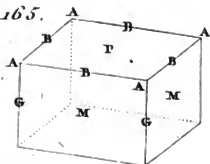


Fig. 169.

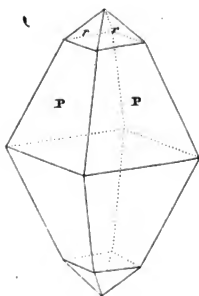


Fig. 170.

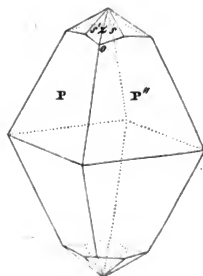


Fig. 164.

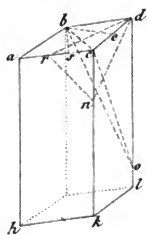
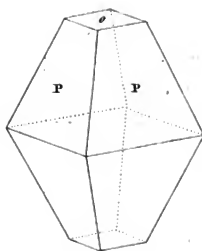


Fig. 168.



ANATASE

Fig. 167.

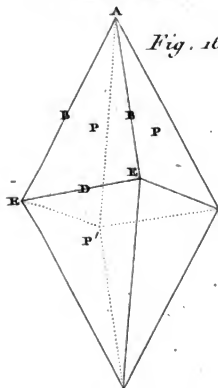
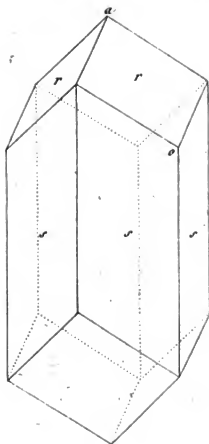


Fig. 172.



DIOPHASE

Fig. 171.



MESOTYPE

Fig. 173.

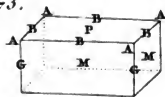
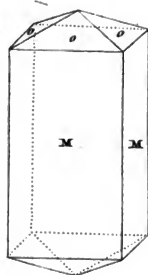


Fig. 174.



STILBITE

Fig. 177.

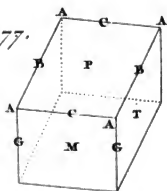


Fig. 179.
Isodoma spumosa

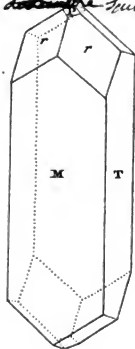
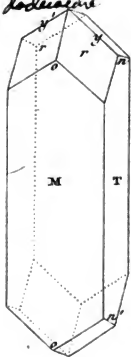


Fig. 178.
Isodoma



PREHNITE

Fig. 182.

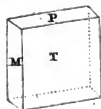


Fig.



Fig. 175.

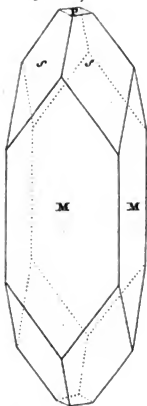


Fig. 176.

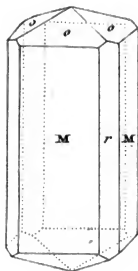


Fig. 180.
summitica

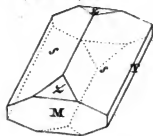
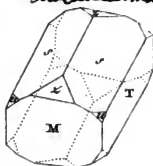


Fig. 181.
stolaculinalis



183.



Fig. 184.

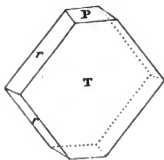
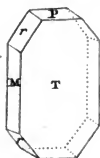


Fig. 185.



CHABASIE
primitive

Fig. 186.

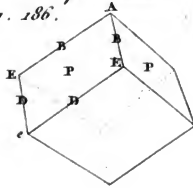


Fig. 187.
truncobical

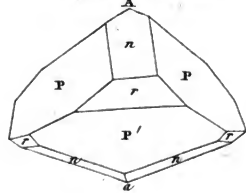


Fig. 190.
hipsumata

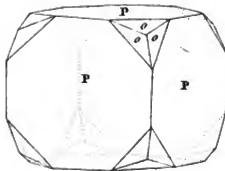


Fig. 191.
truncobical

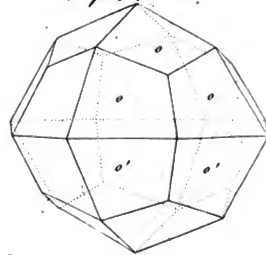
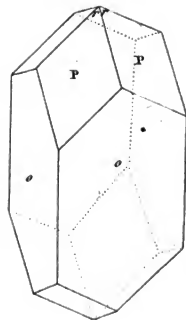


Fig. 195.



HARMOTOME

Fig. 194.

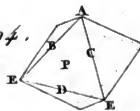
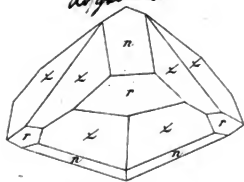


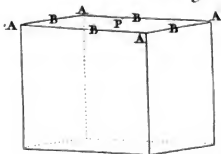
Fig. 188.

de gisante



ANALCIME

Fig. 189.



NEPHELINE

Fig. 192. *primitive*

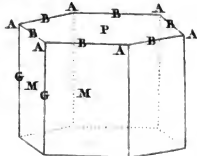


Fig. 193.

parallelépipède analcime

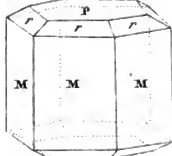


Fig. 196.

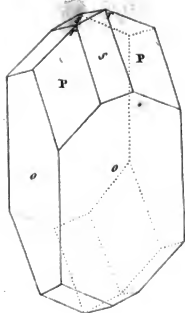
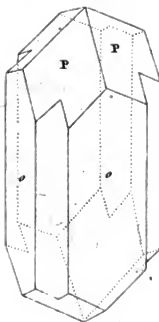


Fig. 197.



PERIDOT

Fig. 198.

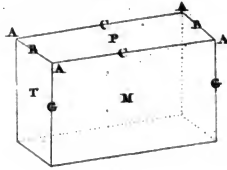


Fig. 199.
truncataria

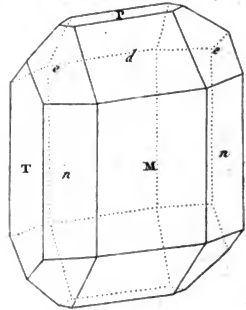
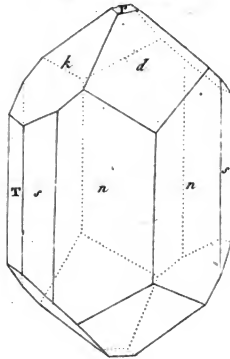


Fig. 202.
continua



raddoppiante Fig.

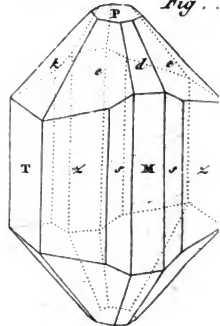


Fig. 206.

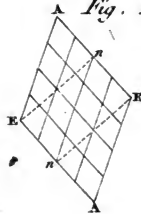


Fig. 207.

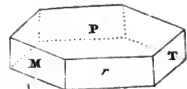


Fig. 200.
monofusca

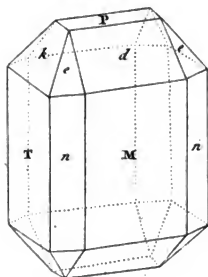


Fig. 201.
buddifera

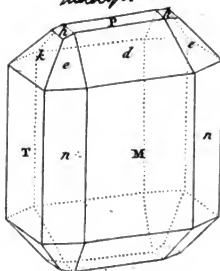
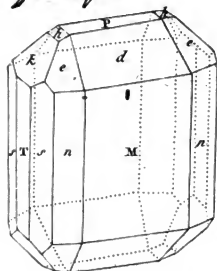


Fig. 204.
gueduplicata



MICA

Fig. 205.

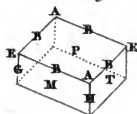


Fig. 208.

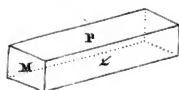
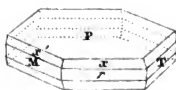


Fig. 209.



Maloure Sculp.

DISTHENE

Fig. 210.

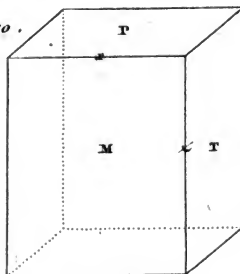


Fig. 211.

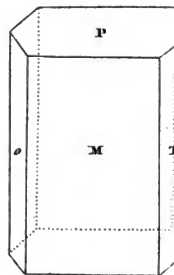


Fig. 214.

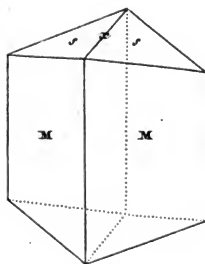
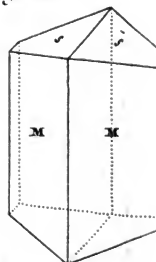


Fig. 215.



MACLE

Fig. 219.

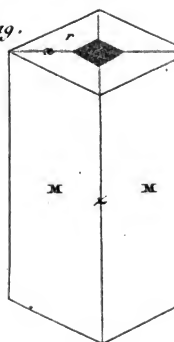
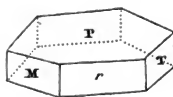


Fig. 218.



GRAMMATITE

Fig. 212.

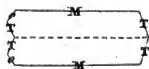


Fig. 213.

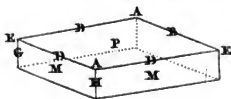
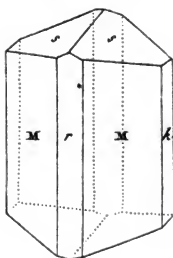


Fig. 216.



TALC

Fig. 217.

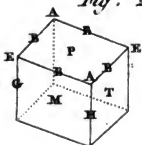


Fig. 220.

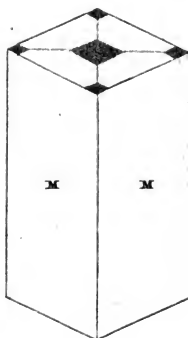
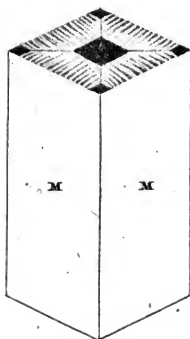


Fig. 221.



Malouire Sculp.

SOUFRE

Fig. 1.

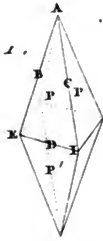


Fig. 2.

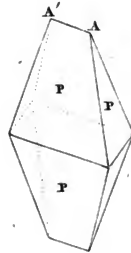


Fig.



Fig. 6.

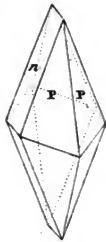


Fig. 7.

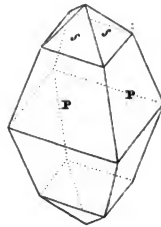


Fig. 8.

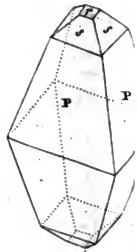
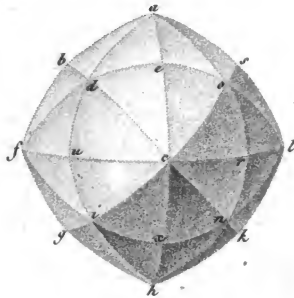


Fig. 11.



MELLITE

Fig. 12.

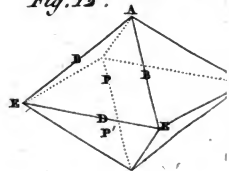


Fig. 3.

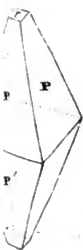


Fig. 4.



Fig. 5.

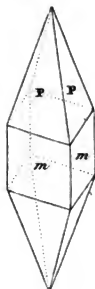
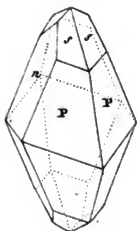


Fig. 9.



DIAMANT
Fig. 10.

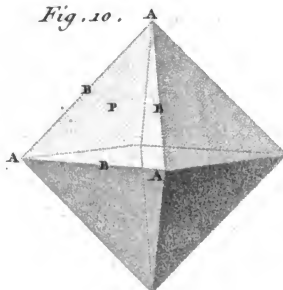


Fig. 13.

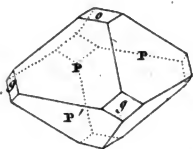
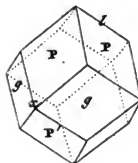


Fig. 14.



Malware Sculp.

OR NATIF, ARGENT NATIF
CUIVRE NATIF ET

Fig. 1.

ore natif octaèdre
argent natif octaèdre
cobalt arsenical
octaèdre
argent sulfure
octaèdre

cristal
natif
octaèdre

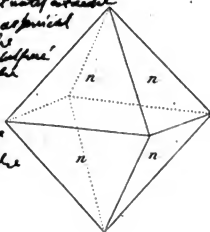


Fig. 5.

argent sulfuré dodécaèdre

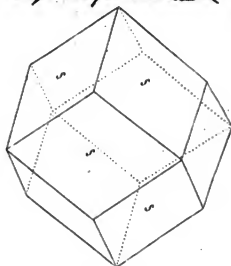


Fig. 2.

argent natif tétraèdre

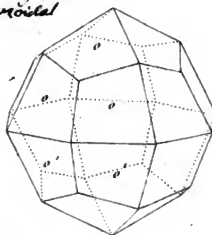


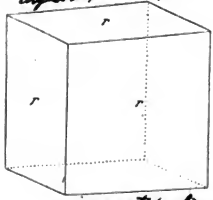
Fig.



TIF, ARGENT SULFURE'
COBALT ARSENICAL

Fig. 3.

argent natif cubique
argent sulfure cubique



cuivre natif cubique

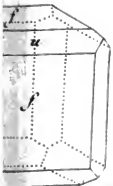
Fig. 4.

argent natif cubo-octaèdre
argent sulfure cubo-octaèdre



cuivre natif cubo-octaèdre

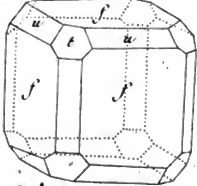
6.



cuivre natif cubo-octaèdre

Fig. 7.

cobalt arsenical triforme



cuivre natif triforme

ARGENT ANTIMONIE' SULFURÉ

Fig. 8.

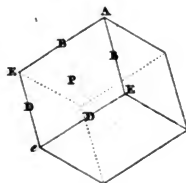


Fig. 9. *prisme*

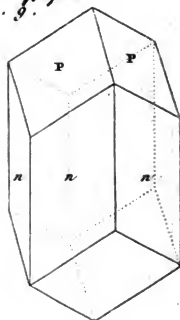


Fig. 12.
hexaédre à six faces

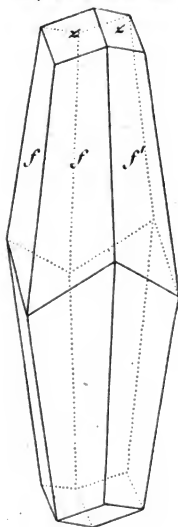


Fig. 13.
apophane

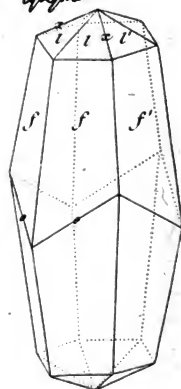


Fig. 10.
infective

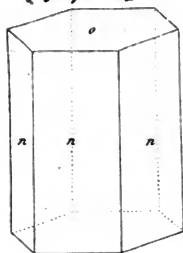


Fig. 11.
triumphale

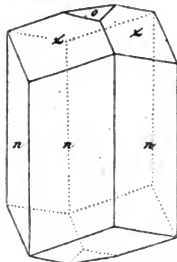


Fig. 14.
biotermine

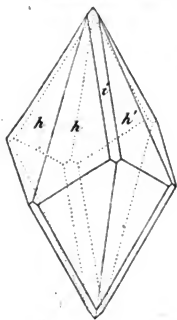
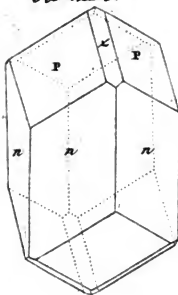


Fig. 15.
biunitaire



Malouin Sculp.

Suite de L'ARGENT ANTIMONIE' SULFURÉ'

Fig. 16. *distochloéde*

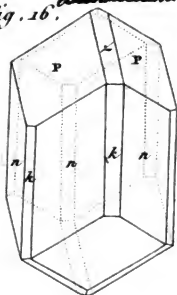
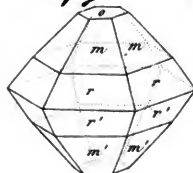


Fig. 17. *distigae*



pentahédré

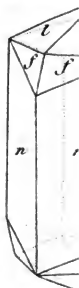


Fig. 21. *Sulfuratif*

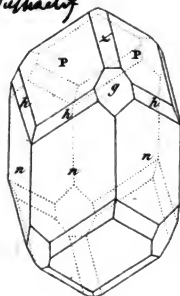


Fig. 22. *disjoint*

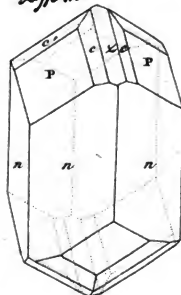


Fig. 25. *distochloéde*

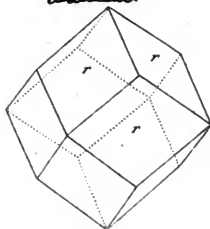
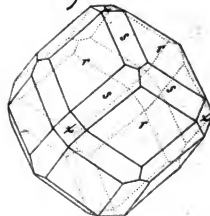


Fig. 26. *triforme*



MER

Fig. 18.

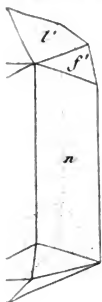


Fig. 19.
tridachalol

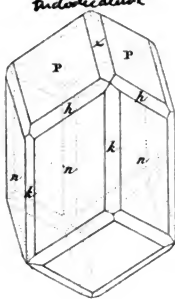
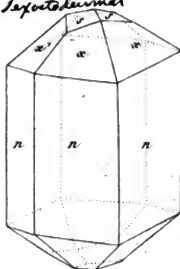


Fig. 20.
Isopentahémal



MERCURE ARGENTAL

Fig. 23.

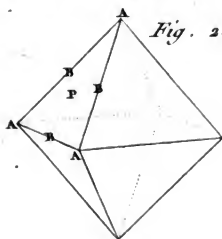
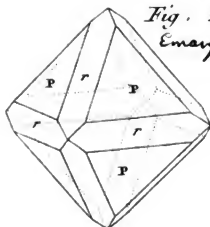


Fig. 24.
Emarginé



URE SULFURÉ

Fig. 27.
pointillé

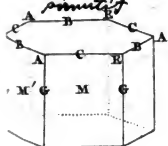
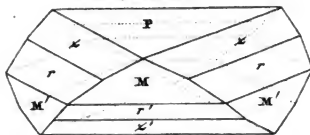


Fig. 28.
bis-batrone



Malouire Sculpt.

MERCURE MURIATÉ.

PLOMB SULFURÉ

Fig. 29.
9. rhomboïde

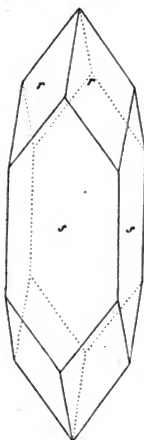


Fig. 30.
primitive

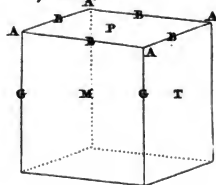


Fig. 35.
triforme

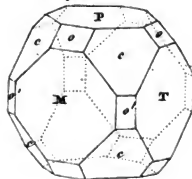


Fig. 37.
octaédrique

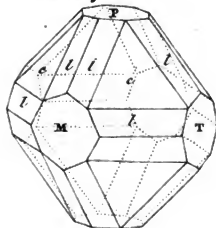


Fig. 3.
pentagone

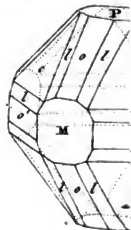


Fig. 31.
suboctaèdre

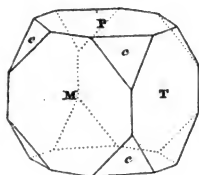


Fig. 32.
suboctaèdre

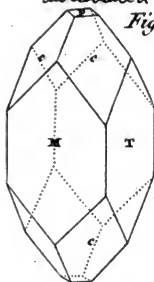


Fig. 33.
octaèdre

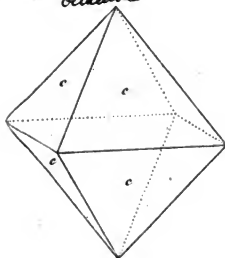


Fig. 34.
suboctaèdre

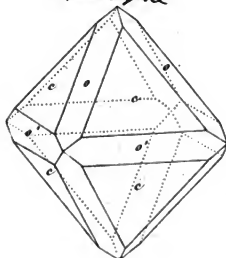
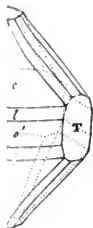
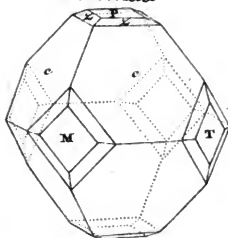


Fig. 36.
suboctaèdre



PLOMB CHROMATÉ

Fig. 39.

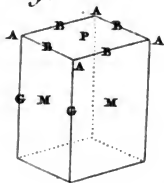


Fig. 40.
pyramide

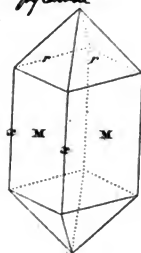


Fig.
diatase



PLOMB CARBONATÉ

Fig. 44.



octaèdre

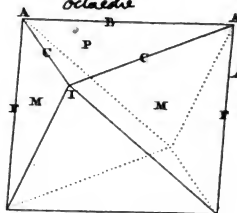


Fig. 45.



Fig. 48.
bipyramidal

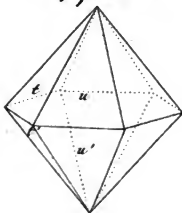
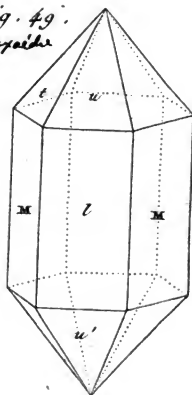


Fig. 49.
trihépaèdre



41.



Fig. 42.

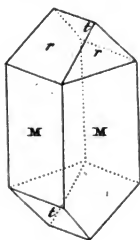


Fig. 43.

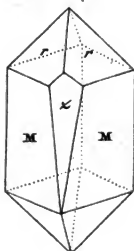


Fig. 46.
atachue

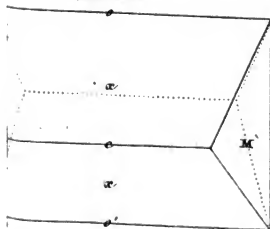


Fig. 47.
amilaire

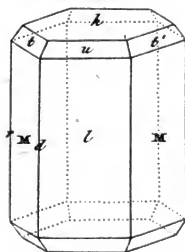


Fig. 50.
Apoctonal

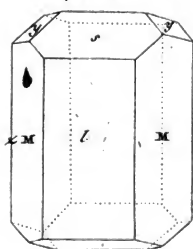
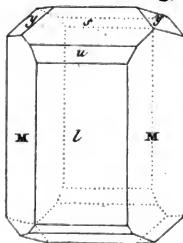


Fig. 51.
sexduodecimal



Suite du **PLOMB CARBONATE**

Fig. 52. *octaédrique*

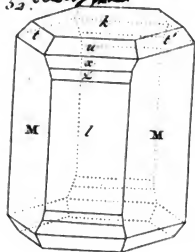


Fig. 53. *supraoctaédrique*

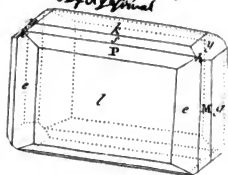


Fig. 56.

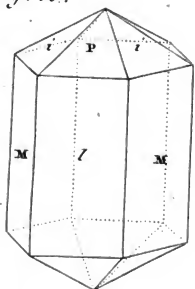


Fig. 57.

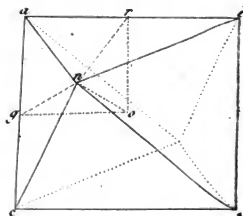


Fig. 60. *prismatique*

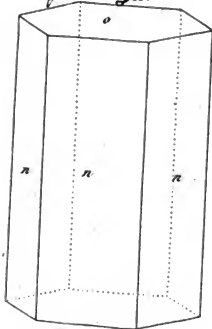


Fig. 61. *prismatique*

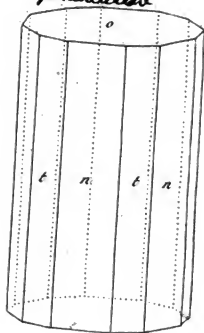


Fig. 54.

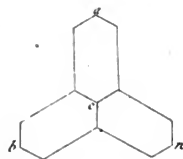
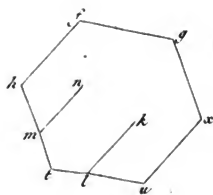


Fig. 55.



PLOMB PHOSPHATE

Fig. 58.

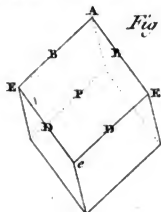


Fig. 59.

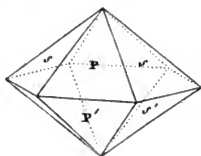


Fig. 62.
trigonal

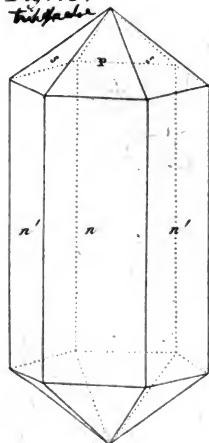
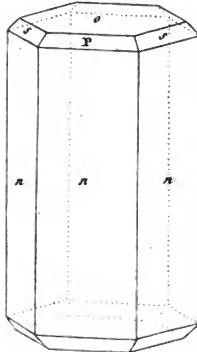


Fig. 63.
annulaire



Malouire Sculp.

PLOMB MOLYBDATE

Fig. 64.



Fig. 65.
bimantaire

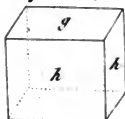


Fig. 68.
lenticulaire

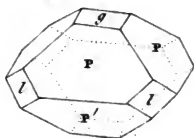


Fig. 69.
peristogone

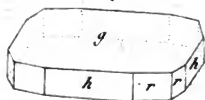


Fig. 72.
cuneiforme

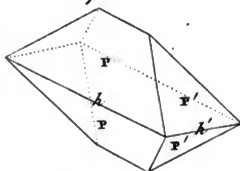


Fig. 73.
simiprisme

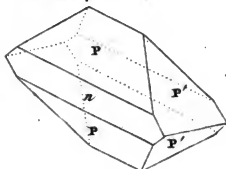


Fig. 74.
trihedra

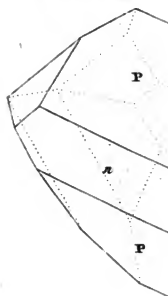


Fig. 66.
Apotonal

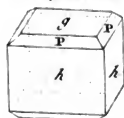
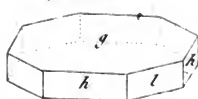


Fig. 67.
trimitaire



PLOMB SULFATE

Fig. 70
triforme

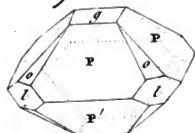


Fig. 71. *mititef*

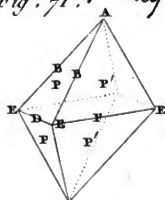
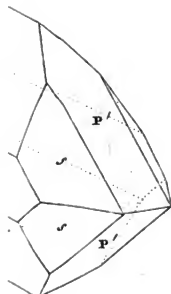
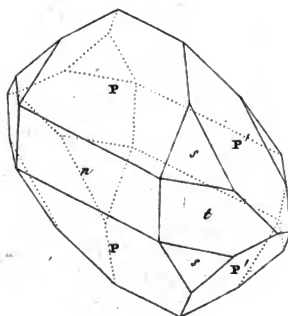


Fig. 75.
byondesional



Maloure Sculp.

Suite du **PLOMB SULFATE**

Fig. 76. *tristahédré*

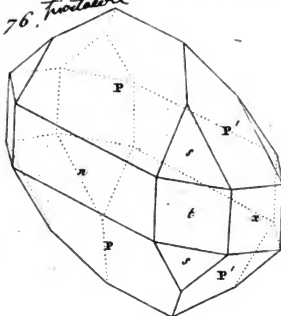


Fig. 77. *distimilaire*

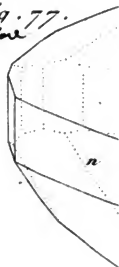


Fig. 79. *apointé*

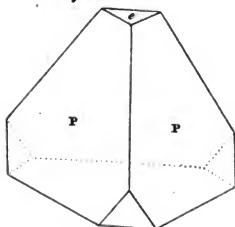


Fig. 80. *sub-tétrahédre*

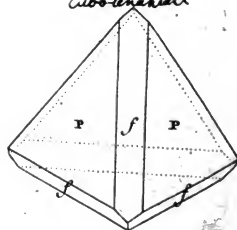


Fig. 83. *distimilaire*

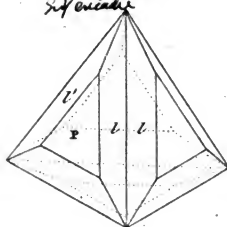
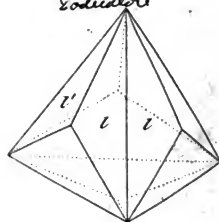


Fig. 84. *distimilaire*



CUIVRE GRIS ET CUIVRE PYRITEUX

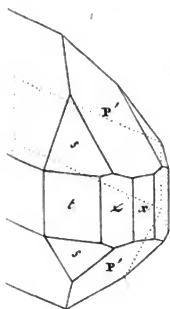


Fig. 78.
minutif

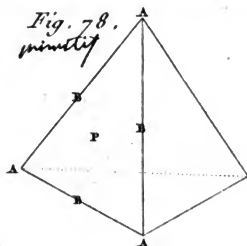


Fig. 81.
gris trizoné

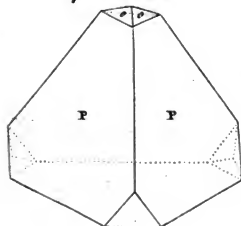


Fig. 82.
gris pyrite

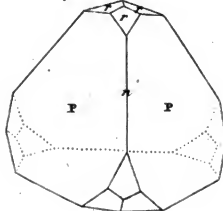


Fig. 85.
gris apophane

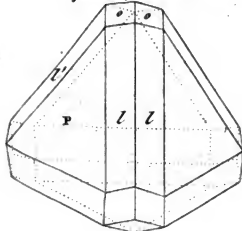
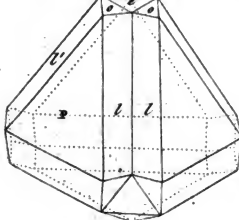


Fig. 86.
gris pyroclit



Suite du CUIVRE GRIS

Fig. 87.
Opinvalant

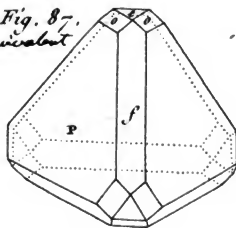
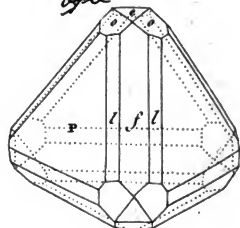


Fig. 88.
Ophe



CUIVRE OXYDÉ ROUGE

Fig. 91.

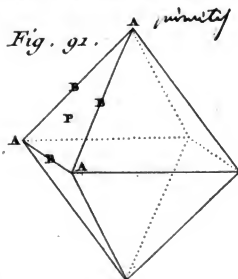
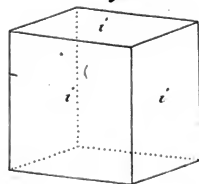


Fig. 92.
cubique



CUIVRE CARBONATÉ BLEU

Fig. 95.

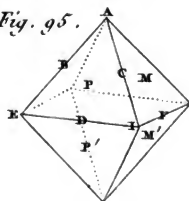


Fig. 96.
Oblique

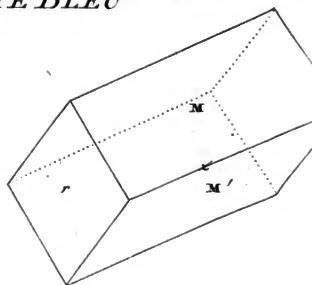


Fig. 89.
hexaèdre

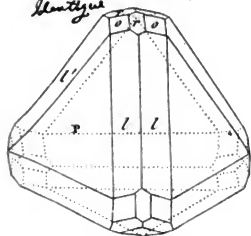


Fig. 90.

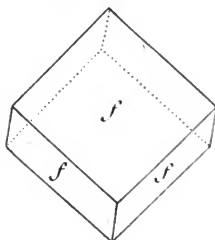


Fig. 93.
cube vitacée

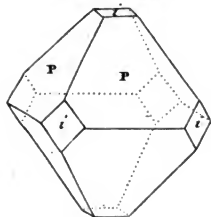


Fig. 94.
triforme

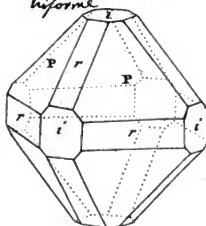
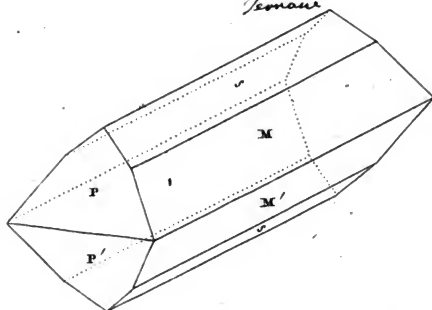


Fig. 97.
fermaire



Malouin Sculp.

Suite du CUIVRE CARBONATÉ BLEU

Fig. 98.

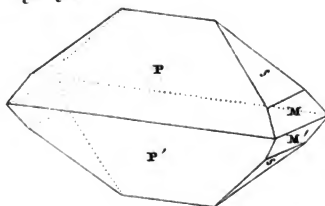


Fig.

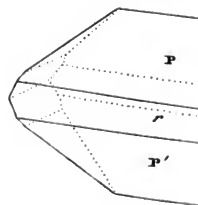
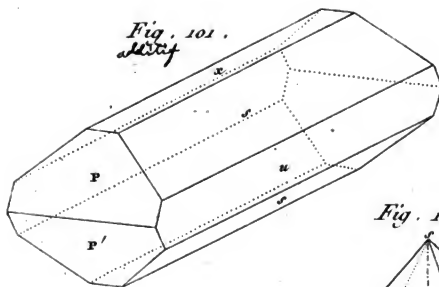


Fig. 101.
allongé



CUIV



Fig. 102.

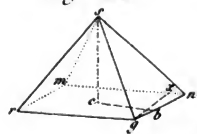


Fig. 105.
renversé

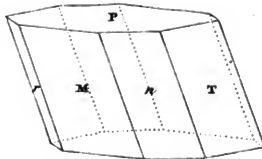


Fig.



9° unibinaire

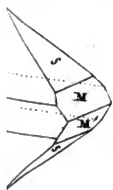
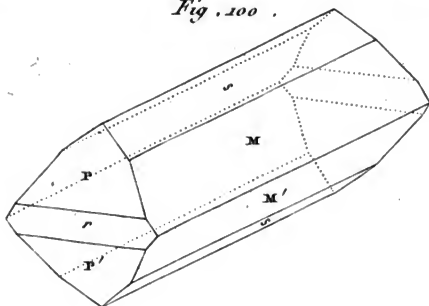


Fig. 100.



LE SULFATÉ

Fig. 103.
primitif

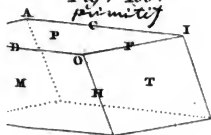
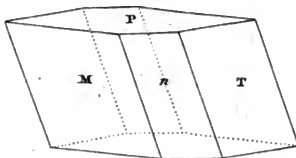


Fig. 104.
pentagone



106°
pentagone

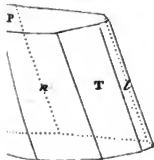
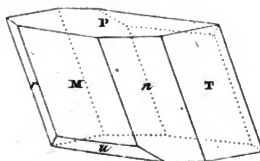


Fig. 107.
tricristallin



Mémoire Sculpt.

Suite du CUIVRE SULFATÉ

Fig. 108.
Sixième

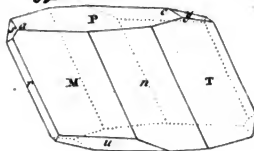


Fig. 10.
octaédrique

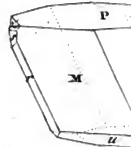


Fig. 111.
Dixième

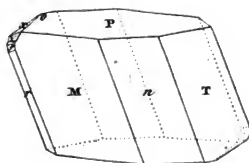


Fig. 11.
composé

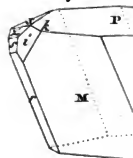
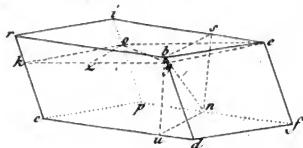


Fig. 114.



NiO
Fig. 115.



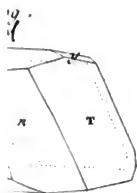


Fig. 110
trigone

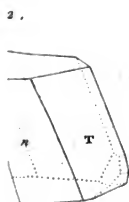
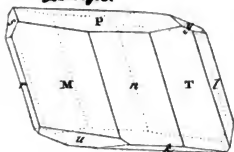


Fig. 113.
octaédronal

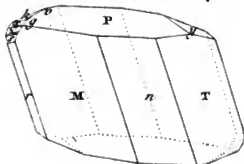
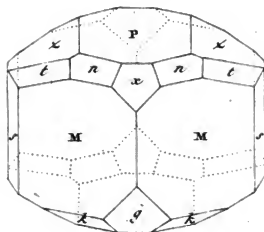
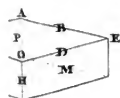


Fig. 116.

KEL



Malourea Sculp.

FER OXYDULÉ

Fig. 117. *primitif*

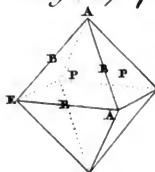


Fig. 118. *émouliné*

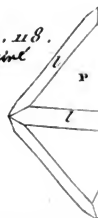
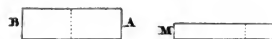


Fig. 120.



FER OLIGISTE

Fig. 122

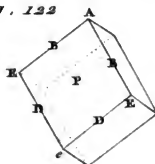


Fig. 12.

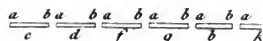


Fig.



Fig.

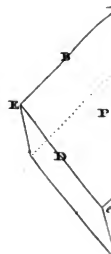


Fig. 125. *troncald*

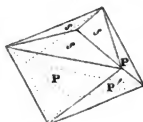
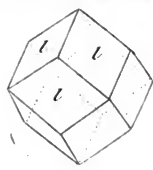


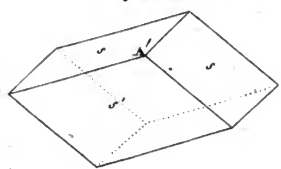


Fig. 119. *lodevaéde*



$\frac{ba}{l} \frac{ba}{m} \frac{ba}{n} \frac{ba}{r}$

Fig. 124. *binario*



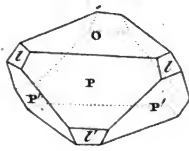
123. *base*



126.



Fig. 127. *imitative*



Suite du FER OLIGISTE

Fig. 128.

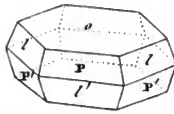


Fig. 129:
troquée

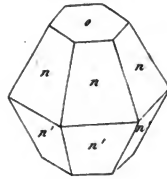
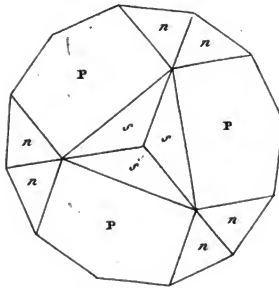


Fig. 132.
binodulaire



FER ARSENICAL *primitif*

Fig. 135.

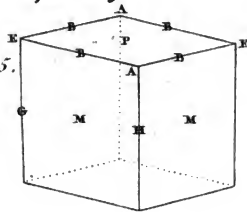


Fig.
distachée



Fig. 131.
binotionario

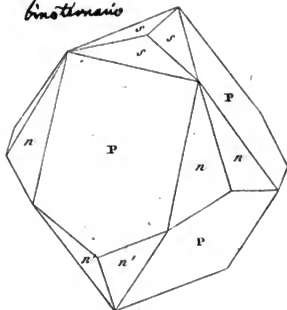


Fig. 130.
uniterminale



Fig. 134.
perigrapho

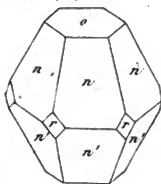


Fig. 133.
equivolent

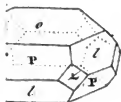
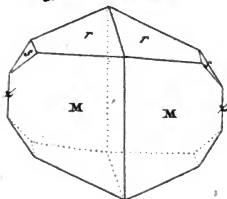
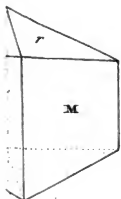


Fig. 137.
quadriottoal



136.



FER SULFURE'

Fig. 138. primitif

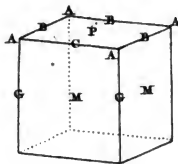


Fig. 139. octaédre

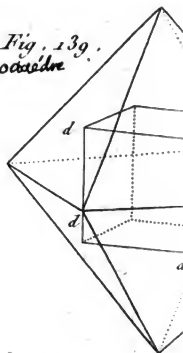


Fig. 141. triplé

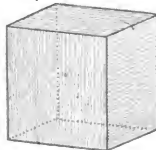


Fig. 142. trapézoïdal

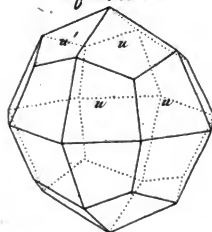


Fig. 145. scalédre
abatt. sur scalédre

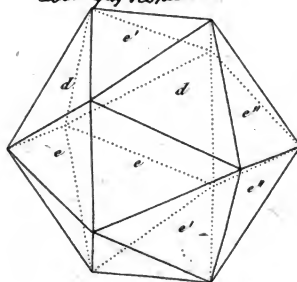
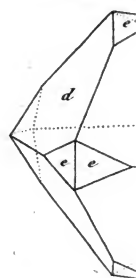


Fig. 146. tétraédre



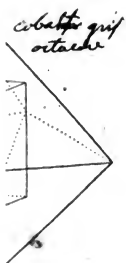


Fig. 140.
dodecaèdre

coût grif
dodecaèdre

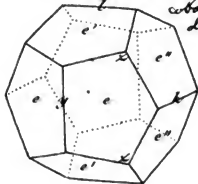


Fig. 143.
cubo-octaèdre

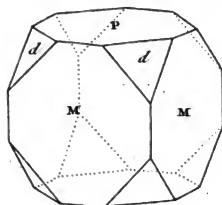


Fig. 144.
cubo-dodecaèdre
coût grif cubo-dodecaèdre

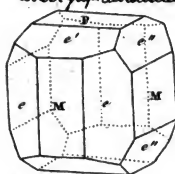
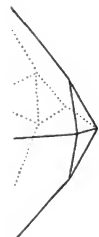
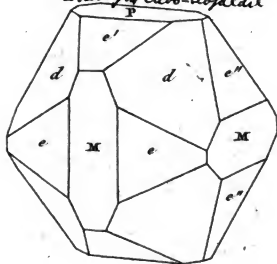


Fig. 147.
cubo-icosaèdre
coût grif cubo-icosaèdre



Masureur Sculp.

Suite du FER SULFURE

Fig. 148.
triacontaedre

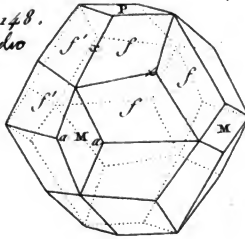


Fig. 149.
hémihébre



Fig. 151.

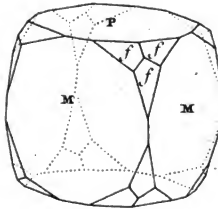


Fig. 153.
pentagone

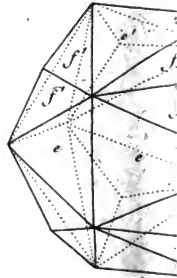


Fig. 154.
surcomposé

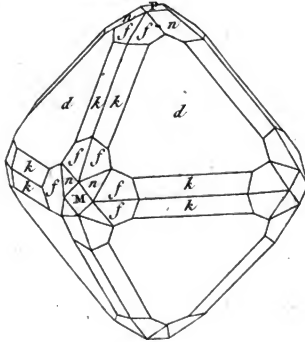


Fig. 155

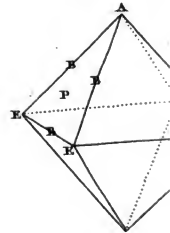


Fig. 150.
quadrupointe

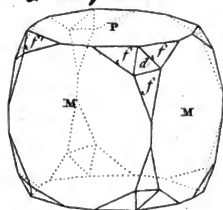


Fig. 153.
Infraoctif

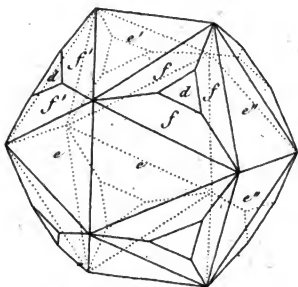


Fig. 156.

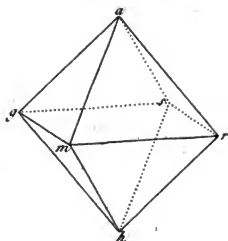
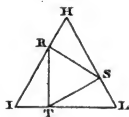


Fig. 157.



Suite du FER SULFATÉ

Fig. 158. *prismatique*

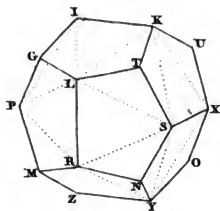


Fig. 159.

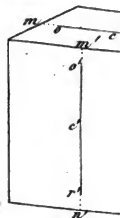


Fig. 161.

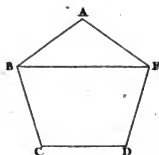
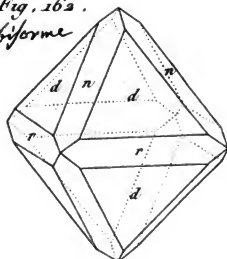


Fig. 162. *biforme*



COBAL

Fig. 165.

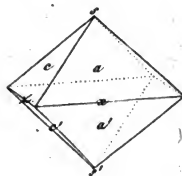


Fig. 166.



q.

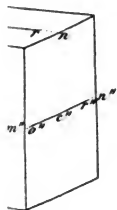
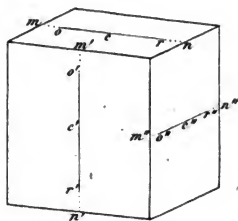


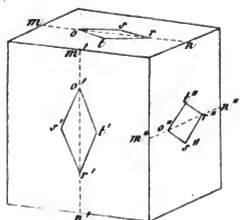
Fig. 160.



q. 163.



Fig. 164.



GRIS

166.

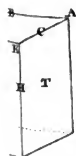
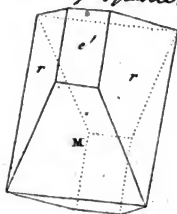


Fig. 167.
côté gris partiel



Maleuvre Sculp.

FER SULFATE

Fig. 168.
primitif

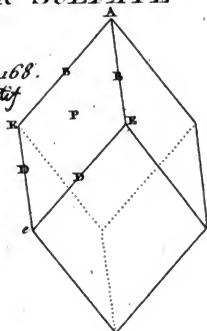


Fig. 169.
basé

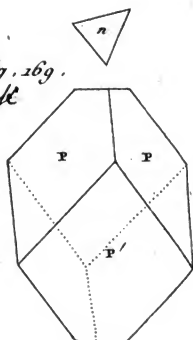


Fig. 172.
unitaire

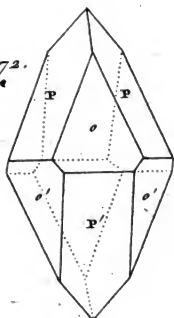
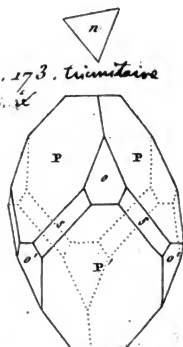


Fig. 173. trimittaire
S. n. 1. 1.



ETAIN OXYDE

Fig. 176.

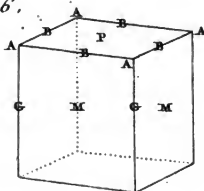


Fig. 177.
pyramide



Fig. 170

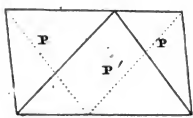


Fig. 171.
Equité

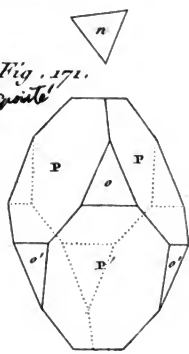


Fig. 174.
Equité

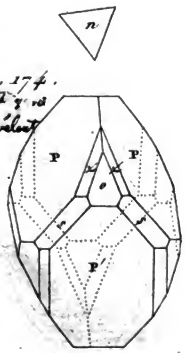


Fig. 175.
pentagone

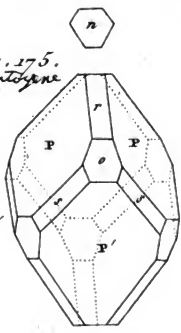
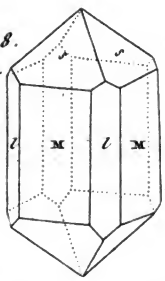
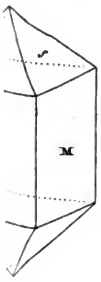


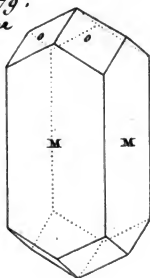
Fig. 178.
diédrale



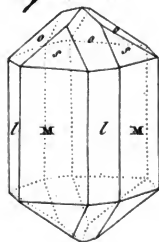
Muleware Sculp.

Suite de L'ETAIN OXIDE'

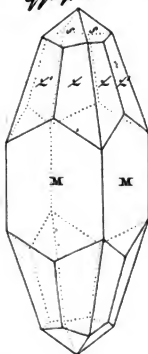
*Fig. 179.
dodecaèdre*



*Fig. 180.
équivalente*



*Fig. 183.
opposita*



*Fig. 184.
recurrent*



Fig. 186.

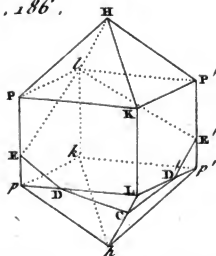


Fig. 187.

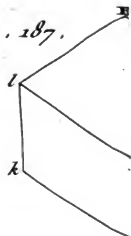


Fig. 181,
suftimlif

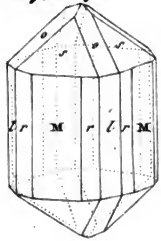
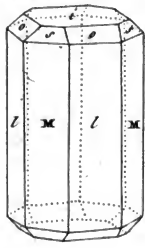


Fig. 182,
anulatre



84.



Fig. 185,
diftique

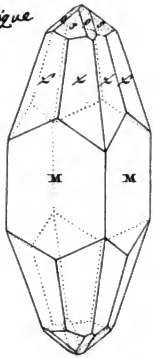
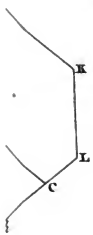
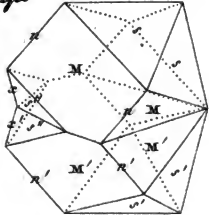


Fig. 188,
enutoge



Maleuvre Sculp.

ZINC OXYDE

Fig. 189.

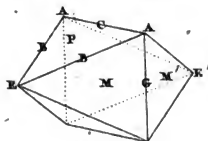


Fig. 190.
unitaire

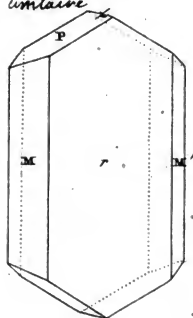


Fig. 193.
octaèdre

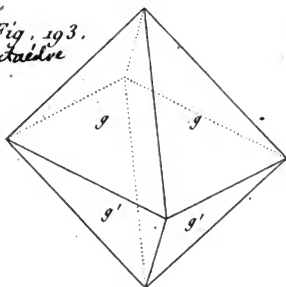


Fig. 194.
tétraèdre

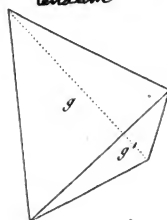


Fig. 197.

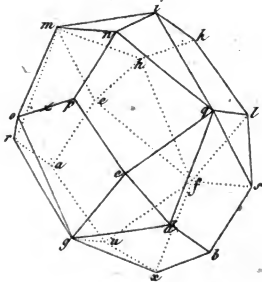


Fig.

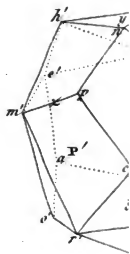
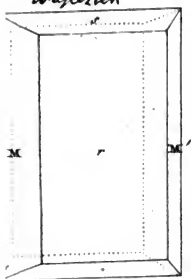


Fig. 191.
trapezien



ZINC SULFURE

primitif

Fig. 192.

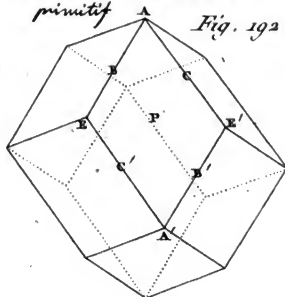


Fig. 195.
biprisme

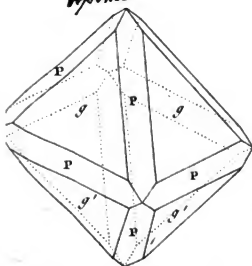
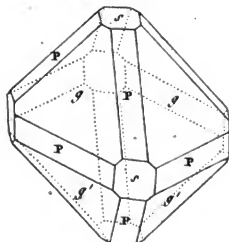


Fig. 196.
trigonal



198. transposé

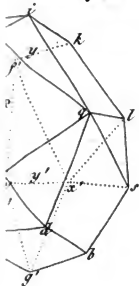
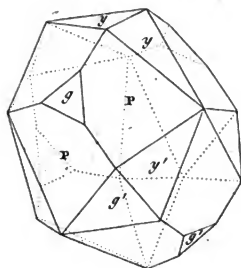


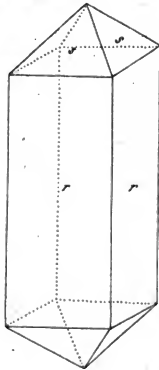
Fig. 199.
sartiel



Malouze Sculp.

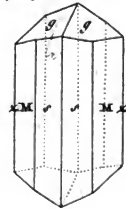
ZINC SULFATÉ

Fig. 200.
quadrioctonal



MANGANÈSE OXYDÉ

Fig. 201.
quadrioctonal



ANTIMOINE SULFURÉ

Fig. 205.
quadrioctonal

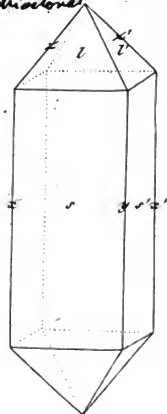
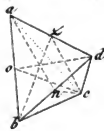


Fig. 204.



ANTIMOINE NATIF

Fig. 202.
diorthèdre

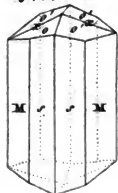


Fig. 203.

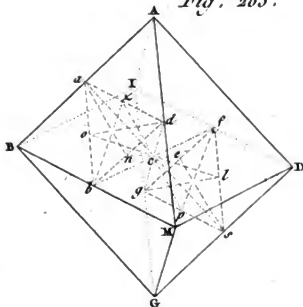


Fig. 206.
sexagonal

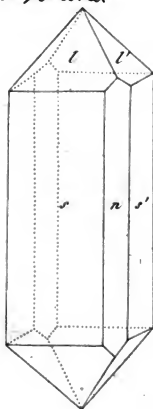
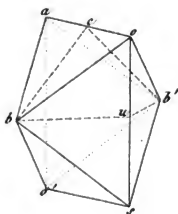


Fig. 207.



Malouin Sculp.

ARSENIC SULFURÉ ROUGE

Fig. 208.

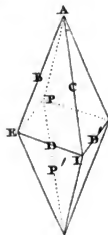


Fig. 209.
encluse

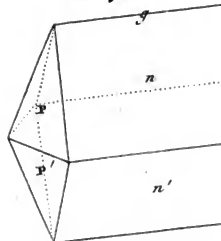


Fig. 213.
octododecédral

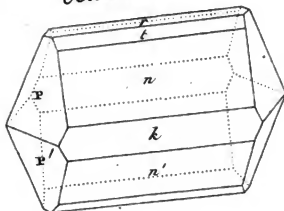


Fig.
diastade

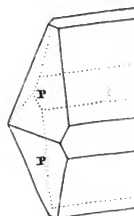
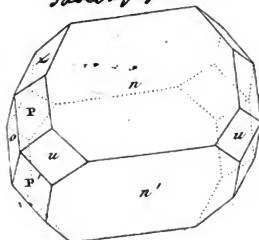


Fig. 214
surcomposé



MOLYBDÈNE SU

Fig. 215.

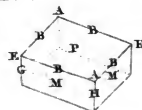
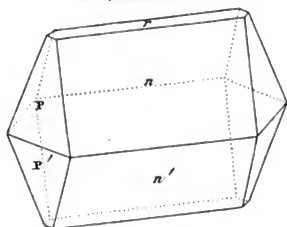


Fig. 210.
Sextocotonal



121.

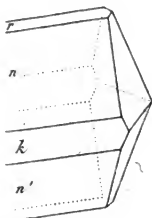
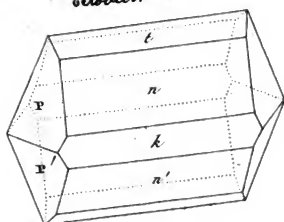


Fig. 212.
octodécimale



LFURE' Fig. 216.
prismatique

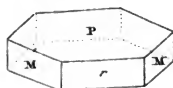
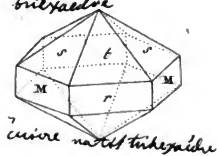


Fig. 217.
tritétraèdre



cuivre natif tritétraèdre

TITANE OXYDE

Fig. 218.

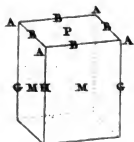


Fig. 219.
général bipyramidal

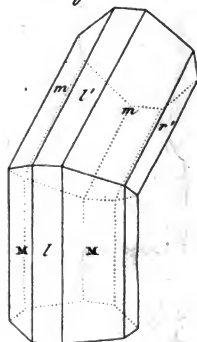


Fig. 222. TITANE SILICEO-CALCAIRE

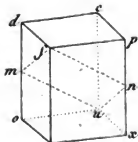


Fig. 223.



Fig. 220.

geminale' terminale

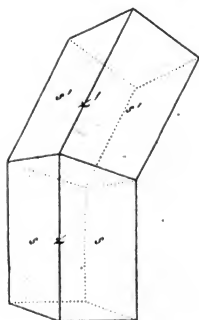


Fig. 221.

geminale' infraactif

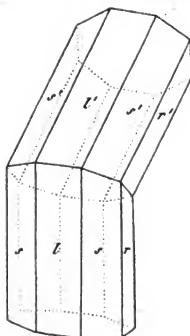


Fig. 224.

tetrahedra

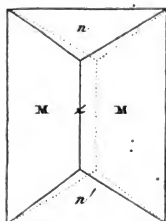
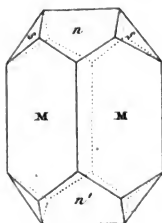


Fig. 225.

uniternario



Malouin Sculp.

SCHEELIN FERRUGINE

Fig. 226.

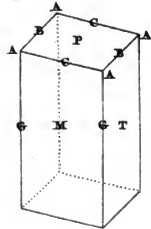
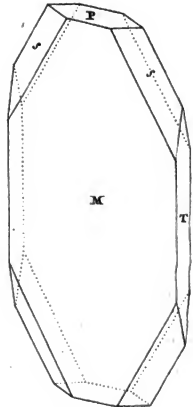
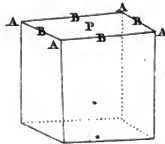


Fig. 227.
épointé



SCHEELIN CALCAIRE

Fig. 230.



I^{ER} APPENDICE. A

Fig. 232 *profondique*

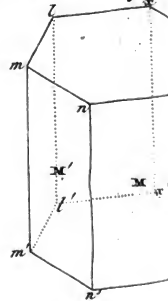


Fig. 231.
octaédre

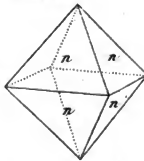


Fig. 228.
unibinaire

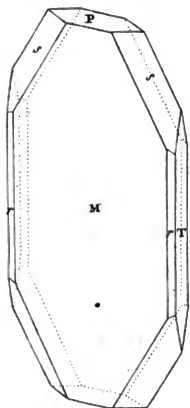
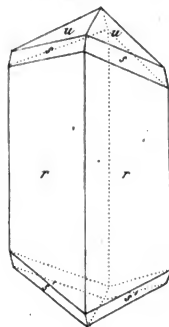
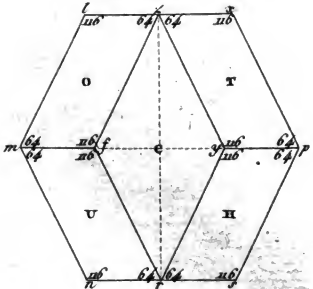


Fig. 229.
prognostif

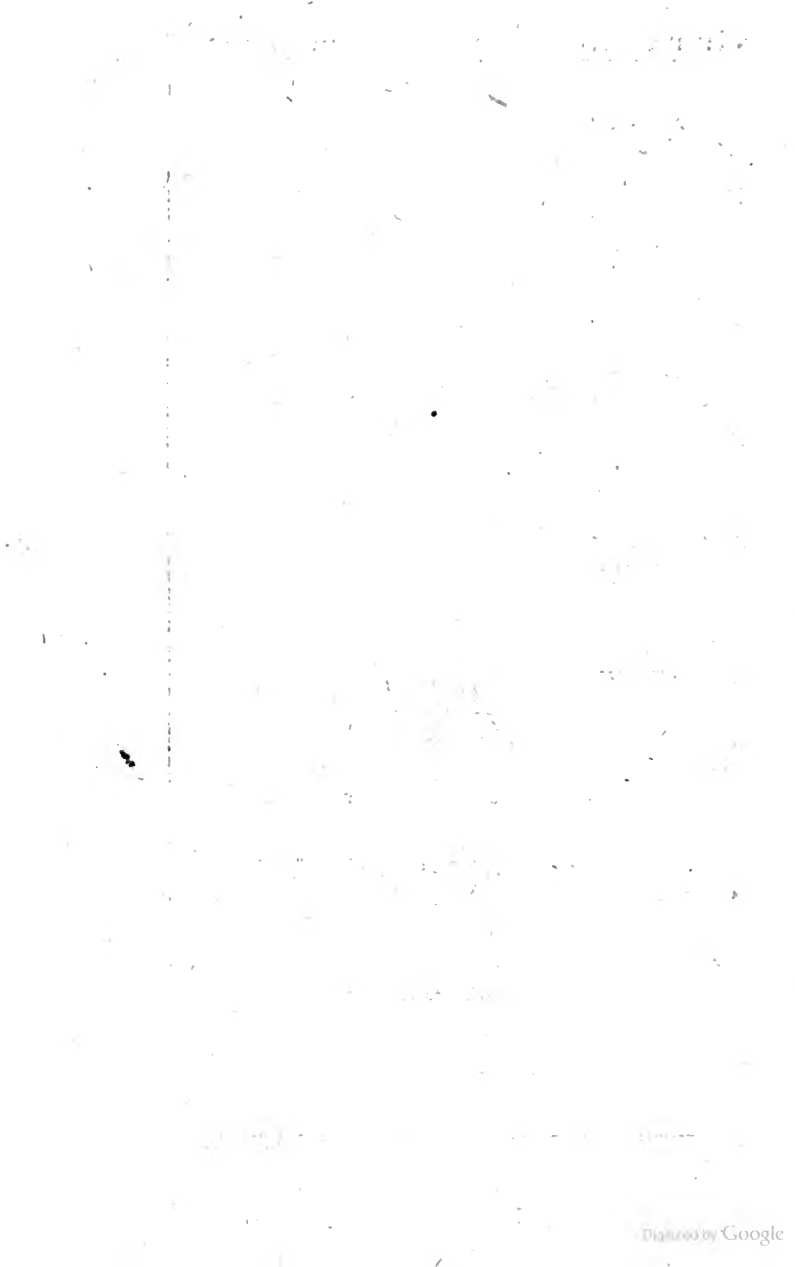


RRAGONITE

Fig. 233.
cuneolite



Malourea Sculp.



Suite de L'ARRAGONITE

Fig. 234.

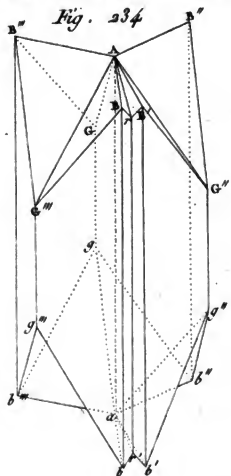


Fig. 235.

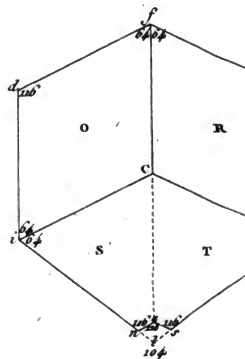


Fig. 238.

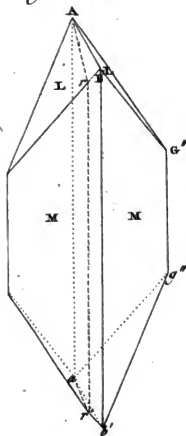


Fig. 239.

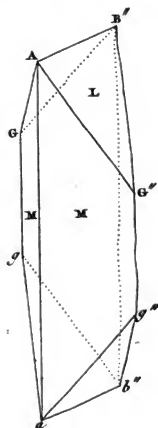


Fig. 236.

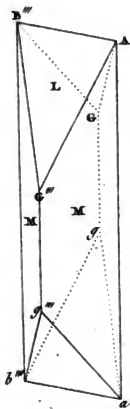
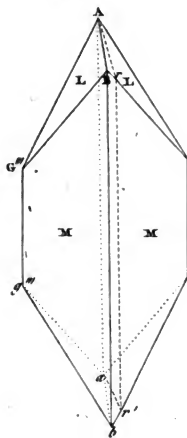


Fig. 237.



SPIN THERE

Fig. 240.

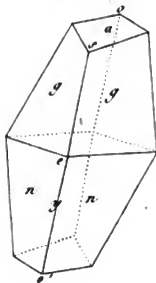
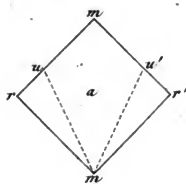


Fig. 241.



Maloure Sculp.



